

1989

Health Professions Division Catalog 1989-1991

Southeastern University

Follow this and additional works at: http://nsuworks.nova.edu/hpd_coursecatalogs

 Part of the [Optometry Commons](#), [Osteopathic Medicine and Osteopathy Commons](#), and the [Pharmacy and Pharmaceutical Sciences Commons](#)

NSUWorks Citation

Southeastern University, "Health Professions Division Catalog 1989-1991" (1989). *Health Professions Divisions Course Catalogs*. Paper 13.
http://nsuworks.nova.edu/hpd_coursecatalogs/13

This Course Catalog is brought to you for free and open access by the NSU Course Catalogs and Course Descriptions at NSUWorks. It has been accepted for inclusion in Health Professions Divisions Course Catalogs by an authorized administrator of NSUWorks. For more information, please contact nsuworks@nova.edu.

**SOUTHEASTERN
UNIVERSITY**
OF THE HEALTH SCIENCES



CATALOG
1989 - 1991

NON-DISCRIMINATION POLICY

Southeastern University of the Health Sciences does not discriminate on the basis of age, race, color, national and ethnic origin, sex, religion or handicap in the administration of its employment and educational policies, student admission policies, scholarship and loan programs and other programs administered by the University.

This catalog is for information purposes, and does not represent a contract. Information contained herein is subject to change at any time by administrative decision or at the direction of the Board of Governors.

NOTICE: Credits and degrees earned from colleges within the State of Florida which are licensed by the State Board of Independent Colleges and Universities do not automatically qualify the individual to participate in professional examinations in Florida. The established procedure requires the appropriate State professional board to review and recognize the colleges granting the degrees, prior to scheduling examinations. Additional information regarding the Southeastern University of the Health Sciences and its Colleges of osteopathic medicine, pharmacy and optometry may be obtained by contacting the State Board of Independent Colleges and Universities, Department of Education, Tallahassee. Any student interested in practicing a regulated profession in Florida should contact the Department of Professional and Occupational Regulation, 2009 Apalachee Parkway, Tallahassee, Florida 32301.

ne
ne
ns
ne
ct.
ve



**Southeastern University
of the
Health Sciences**



**College of Osteopathic Medicine
College of Pharmacy
College of Optometry**

**1750 N.E. 168th Street / North Miami Beach, FL 33162-3097
(305) 949-4000**

Table of Contents

SOUTHEASTERN UNIVERSITY OF THE HEALTH SCIENCES	
Administration	
Board of Governors	
History	
Campus	
Financial Aid	
Health Centers	
COLLEGE OF OSTEOPATHIC MEDICINE	
Administration	
An Osteopathic Physician	
Academic Calendars	
Admission Requirements	
Application Procedure	
Tuition and Fees	
Financial Aid	
Requirements for Graduation	
Course of Study	
Curriculum Outline	
Instructional Departments	
Special Academic Programs	
COLLEGE OF PHARMACY	
Administration	
Pharmacy	
Council of Overseers	
Academic Calendars	
Admission Requirements	
Application Procedure	
Tuition and Fees	
Financial Aid	
Requirements for Graduation	
Course of Study	
Curriculum Outline	
Instructional Departments	
COLLEGE OF OPTOMETRY	
Administration	
Optometry	
Academic Calendars	
Admission Requirements and Application Procedure	
Tuition and Fees	
Financial Aid and Requirements for Graduation	
Course of Study	
Curriculum Outline	
Instructional Departments	
UNIVERSITY FACULTY	
INDEX	

1
4
5
6
7
8
9

1
2
3
4
6
7
8
9
12
13
14
17
19

13
14
15
16
18
20
21
23
24
25
26
27
28
29
30
31
32
33
34
35

01
02
03
04
06
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

Morton Terry, D.O.

President



Letter From The President

As we proceed into our second decade of service, we reflect on our University's spectacular growth and dedication to excellence in teaching and support of health care for the whole family.

Ours is a unique school. The Southeastern College of Osteopathic Medicine, started in 1979, developed a solid foundation of academic excellence. When it added its sister institutions of Pharmacy (1986) and Optometry (1988), it became the Southeastern University of the Health Sciences. We have built a strong base of top-notch educators and facilities into an academic environment that is rich with the cultural diversity of the community. In our short history, this school has gained a reputation for outstanding health education and for administering health care to indigent people in underserved areas of the State, both rural and urban. The interactions of our medical, pharmacy and optometry faculty and students have created a modern and unique multidisciplinary campus.

We are dedicated to continued excellence in health education and in service to the community.

Morton Terry, D.O.
President

Administration



Arnold Melnick, D.O.
Executive Vice President and Provost



Daniel M. Finkelstein, D.O.
Vice President, Finance



Frederick Lippman, B.S.
Vice President, External Affairs

Morton Terry, A.B., M.Sc., D.O., F.A.C.O.I., President

Arnold Melnick, A.B., M.A., D.O., M.Sc., F.A.C.O.P., F.A.C.O.O.G., Executive Vice President and Provost

Daniel M. Finkelstein, B.A., D.O., Vice President, Finance

Frederick Lippman, B.S., Vice President, External Affairs

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

Marla Frohlinger, B.A., Assistant Dean for Admissions and Student Affairs

Mary R. Smith, Registrar

Patrick J. Gorman, B.S.H.A., Director of Student Financial Aid

Jeffrey Schneider, C.P.A., M.B.A., Director of Finance

Elloit S. Schantz, M.B.A., C.P.A., Comptroller

Frank H. Mulick, B.S., Bursar

Robert A. Klobnak, B.A., Director of Communications

Emil L. Todaro, B.A., D.O., Executive Director of Development

Ronald Oldano, B.S., Director of Development

Robert M. Rich, B.A., M.A., Ph.D., M.L.S., Library Director

Royal Flagg Jónas, B.S., J.D., Legal Counsel

BOARD OF GOVERNORS 1988-90

EMIL TODARO, D.O., Chairman
North Miami Beach, Florida
General Surgeon

MERVIN MECK, D.O., Vice Chairman
New Smyrna Beach, Florida
General Practitioner

MORTON MORRIS, D.O., J.D.,
Secretary
Hollywood, Florida
Orthopedic Surgeon, Attorney

DANIEL FINKELSTEIN, D.O.,
Treasurer
Miami Shores, Florida
Radiologist

HOWARD COLLIER
Winter Haven, Florida
Financial Consultant

JAMES G. HULL, D.O.
Ormond Beach, Florida
General Practitioner

ROYAL FLAGG JONAS, Esq.
Miami Beach, Florida
Attorney

HOWARD L. NEER, D.O.
Ft. Lauderdale, Florida
General Practitioner

MARCELINO OLIVA, D.O.
Dade City, Florida
General Practitioner

DAVID RUSH
Ft. Lauderdale, Florida
President, APTEK Technologies

MORTON SMITH, D.O.
Miami, Florida
General Practitioner

B. BOYCE SWARTZ, D.O.
North Miami Beach, Florida
Orthopedic Surgeon

MORTON TERRY, D.O.
Internist
President, Southeastern University

History

The Southeastern University of the Health Sciences was born out of the commitment and determination of a core group of osteopathic physicians to further the profession and perpetuate the tradition of service unique to the practice of osteopathic medicine.

A number of efforts were made during the course of the founding of the institution, among them the attempt to create a private, state-funded college of osteopathic medicine and a school affiliated with an existing university. Through the course of exploring various possibilities, the founders were strengthened in their resolve to create an educational institution which would respond to the growing need for osteopathic physicians. It was due to their commitment that they devised a method to secure the necessary funding for what would be the nation's 15th college of osteopathic medicine.

The strategy involved the sale of Osteopathic General Hospital, a non-profit teaching institution they founded, managed, and supported for over twenty years.

Now named the Southeastern Medical Center, OGH was sold to American Medical International, a leading hospital management firm based in Beverly Hills, California. The proceeds from the sale were placed into an endowment fund created for the development of the college. The Southeastern College of Osteopathic Medicine, as it was first known, was chartered by the State of Florida in 1979 and was soon recognized by the American Osteopathic Association. In 1981, SECOM opened with a charter class of 40 students. In a few short years, incoming classes have grown to 100 students.

Then, in 1985, a task force was appointed to explore the feasibility of creating a College of Pharmacy. The task force recognized that a growing need existed in Florida for Pharmacists and recommended that a College of Pharmacy be created at SECOM. In the Fall of 1987, the Southeastern College of Pharmacy opened with a charter class of 49 students.

SECOM administrative officers recognized a need for a school of optometry in the state, citing future population projections. SECOM's Board of Governors voted unanimously to form a College of Optometry, and procedures were set up to move ahead with the decision.

December 6, 1988 was a doubly auspicious day for SECOM, for on that date the State Board of Independent Colleges and Universities conferred full university status on the school. The college then became known as the Southeastern University of the Health Sciences. SECOM's application to establish a College of Optometry was also approved, and in the Fall semester of 1989, the Southeastern College of Optometry opened its doors with a charter class of 29 students.

In nine years, SECOM has grown from a college of osteopathic medicine to a multidisciplinary health professions complex with medical, pharmacy and optometry students sharing the facilities of a \$20 million campus.

Campus

The Southeastern University of the Health Sciences is a complex of three modern buildings designed for educational, administrative and student-related functions. Situated in the heart of North Miami Beach in a quiet residential suburb close to transportation, recreation and housing, the campus offers an ideal environment for students and faculty members alike.

Central to the campus is the three-level Education Building. Completed in 1982, the building boasts two fully-equipped amphitheater-style lecture rooms housed in the eastern wing. A large open student commons area dominates the lobby level of the \$4 million structure.

The second floor is devoted to Basic Science Department Faculty and support staff. Two state-of-the-art laboratories, four preparation rooms used for research and student lockers comprise the third floor.

The Student Activities Building, completed in 1988, offers a broad array of recreational and student activities. The building houses the university's expanded 12,000-square-foot library, which features a vast selection of medical books and professional journals. It is also the home of HARVEY, a computerized mannequin capable of simulating all normal and abnormal cardiac sounds. Designed to address the needs of a diverse student population, the building also features a 500-seat auditorium equipped with an advanced multi-media sound and light system; partition walls to transform the space into three separate classrooms; an Osteopathic Principles and Practice Laboratory; student cafeteria; lounge and a gymnasium.

Serving administrative and faculty needs is the Dr. John S. Hull Administration Building. The Hull Building is a completely renovated three-level structure that houses the offices of Admissions, Student Affairs, Financial Aid and Audio Visual Control Center. The Hull Building also contains administrative and faculty offices, anatomy laboratory and bookstore.

Near the campus are over 20 college-owned homes that have been renovated for student housing needs.

Public transportation is served by the nearby bus and rail systems and interstate and turnpike access is in close proximity to the campus. Two international airports at Miami and Fort Lauderdale serve the area.

The academic environment is complemented by the rich cultural and recreational amenities of North Miami Beach and nearby downtown Miami and Fort Lauderdale.

Financial Aid

The financial ability of applicants to complete their training at the Southeastern University of the Health Sciences is important because of the limited numbers of positions available in each class. Applicants should have specific plans for financing three to four years of professional education. This should include provision for tuition, living expenses, books, equipment, travel and miscellaneous expenses.

We encourage student applicants to investigate independent sources of funds. The Financial Aid Office will work with students to pursue all avenues concerning loans, scholarships and federal assistance programs. Separate financial aid programs are provided for the College of Osteopathic Medicine, College of Pharmacy and College of Optometry. These programs can be found under Financial Aid in the listing for the individual college. For more information on any financial aid program, contact the Financial Aid Director.

PHYSICAL EXAMINATION

Every incoming first-year student is required to have a complete physical examination by a licensed physician before registration. Forms to be completed by the student's physician are sent to each new student during the summer prior to the opening of college.

STUDENT HOUSING

Numerous apartments, condominiums and other rental housing facilities are available within a 5 mile radius of the University. Limited on-campus housing facilities are available from the school on a first come, first served basis. Students must secure their own accommodations. Information concerning both on and off campus housing may be obtained from the Office of the Registrar.

HEALTH INSURANCE

It is required that each student carry adequate personal medical and hospital insurance. It is strongly suggested that students and their families avail themselves of the insurance plan obtainable through the University. Students who choose another policy will be required to show proof of adequate medical coverage for the mandatory insurance.

HEALTH CENTERS

The clinics owned and operated by the Southeastern University of the Health Sciences serve an important function and are an integral part of the training program. In addition, the clinics provide a vital community function by reaching areas that have traditionally been neglected by the private health sector.

The Broward Family Health Center, now in its fourth year of operation, is staffed and managed by the faculty of the Southeastern University, aided by family medicine residents. Additionally, the facility is used by senior medical students for clinical training rotations.

The clinic, a 16,000 square-foot structure at 1111 W. Broward Blvd., is located in an underserved area of Fort Lauderdale. The management of this healthcare facility, with the full support of SECOM's nearby medical school, guarantees quality health care for the area's residents.

The health center also contains a full service community pharmacy. This facility offers a full line of over-the-counter and prescription drugs and provides hands-on training to senior pharmacy and Pharm.D. students. Recently constructed as part of this unit is the Broward Family Eye Center, a full-service primary eyecare facility operated by the College of Optometry. With a complete array of examining and diagnostic equipment, the facility was modeled as a successful optometric practice site to give students experience in a real-life professional setting. Local optometrists have been hired to staff the optical laboratory and dispensary, visual field testing room, and the five examination rooms of the over 2,000-square-foot unit. The mission of the eye center is to serve the community and provide students hands-on training in optometric practice under the supervision of faculty members. Fourth-year students will spend most of their time there on clinical training rotations.

The University also owns and operates the Family Health Center in Opa-Locka, an underserved inner-city community in the Greater Miami area. The clinic is used as a training center for medical students and for family medicine residents of the College of Osteopathic Medicine. Besides its training function, the center provides much needed service to the surrounding community.

College of Osteopathic Medicine





Joseph J. Namey, D.O.
Dean

College of Osteopathic Medicine

Administration

Joseph J. Namey, B.S., D.O., F.A.C.G.P., F.A.O.C.A.I., F.A.C.O.Rh., Dean

Matthew A. Terry, B.S., D.O., M.A., F.A.C.G.P., Deputy Dean

Neil A. Natkow, A.B., D.O., Associate Dean for Professional Affairs

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

Marla Frohlinger, B.A., Assistant Dean for Admissions and Student Affairs

Mary R. Smith, Registrar

Patrick J. Gorman, B.H.S.A., Director of Student Financial Aid

Jeffrey Schneider, M.B.A., C.P.A., Director of Finance

Elliot S. Schantz, M.B.A., C.P.A., Comptroller

Frank H. Mulick, B.A., Bursar

Robert A. Klobnak, B.A., Director of Communications

Emil L. Todaro, B.A., D.O., Executive Director of Development

Ronald Oldano, B.S., Director of Development

Robert M. Rich, B.A., M.A., Ph.D., M.L.S., Library Director

Royal Flagg Jonas, B.S., J.D., Legal Counsel

An Osteopathic Physician

A Doctor of Osteopathy (D.O.) is a highly-trained physician recognized to practice medicine and surgery in all 50 states on the same basis as other physicians.

Osteopathic medical education encompasses all phases of medicine and all scientifically accepted modalities of treatment. But, in addition, DOs bring to the practice of medicine an added dimension in the prevention, care and treatment of patients.

Osteopathic training emphasizes the relationship between physical structure (musculoskeletal) and organic function. Consequently, DOs view the human body as an interdependent unit, rather than an assortment of separate parts and systems. To maintain or restore the harmonious relationship between structure and function, DOs use manipulative therapy, when indicated, to facilitate the healing process. This form of therapy may be used alone or in combination with drugs, x-ray or surgery. Or, it may not be used at all, depending on the diagnosis.

This concept of "whole patient" care coupled with a training program stressing family medicine practice produces highly qualified physicians who are different by design. As a result, DOs have shaped a profession with some unique characteristics. For example:

- Over 65 percent of all DOs are in family practice or one of the primary care specialties, such as internal medicine, obstetrics or pediatrics.
- More than 66 percent of all DOs practice in communities of 50,000 population or less.
- DOs represent only five percent of the total physician population, but provide health care services to ten percent of the people, some 23 million Americans.
- DOs comprise 13 percent of the total physician manpower in the Medical Corps of the Armed Forces.

Because osteopathic physicians provide something more, not something else, the profession is experiencing a period of phenomenal need for osteopathic services. A study of osteopathic education funded by the Kellogg Foundation called Osteopathic Medicine "The fastest growing health care profession."

SECOM views with pride the role it is playing in the ongoing development of osteopathic medicine.

ACADEMIC CALENDAR

1989-90

FALL SEMESTER

Tuesday, August 7, 1989	8:10 A.M. Junior Class 5th Semester Begins.
Saturday, August 12, 1989	Freshman Orientation.
Sunday, August 13, 1989	Registration.
Monday, August 14, 1989	8:10 A.M. Freshman & Sophomore Classes Begin.
Monday, September 4, 1989	Labor Day, No Classes.
Wednesday, November 22, 1989	5:00 P.M. Thanksgiving Recess Begins. Junior Class Phase I Ends.
Monday, November 27, 1989	8:10 A.M. Freshman & Sophomore Classes Resume. Junior Class Phase II Begins.
Friday, December 15, 1989	5:00 P.M. Freshman & Sophomore Classes Semester Classes End.
Monday, December 18, 1989	8:10 A.M. Freshman & Sophomore Final Exams Begin.
Friday, December 22, 1989	5:00 P.M. Freshman & Sophomore 1st Semester Ends. Winter Recess Begins.

SPRING SEMESTER

Monday, January 8, 1990	8:10 A.M. Freshman & Sophomore 2nd Semester Begins.
Monday, February 19, 1990	Presidents' Day, No Classes.
Thursday & Friday, March 15 & 16, 1990	National Board Exams, Part II.
Friday, April 6, 1990	5:00 P.M. Spring Recess Begins.
Monday, April 17, 1990	8:10 A.M. Freshman & Sophomore Classes Resume.
Friday, April 27, 1990	5:00 P.M. Senior Class Phase II Ends. Junior Class Phase I Ends.
Tuesday, May 1, 1990	8:10 A.M. Senior 8th Semester Begins. Junior Class Phase II Begins.
Friday, May 18, 1990	5:00 P.M. Freshman & Sophomore Classes End.
Monday, May 21, 1990	8:10 A.M. Freshman & Sophomore Final Exams Begin.
Friday, May 25, 1990	5:00 P.M. Freshman & Sophomore 2nd Semester Ends.
Friday, June 1, 1990	5:00 P.M. Senior 8th Semester Ends.
Sunday, June 3, 1990	Graduation.
Thursday & Friday, June 7 & 8, 1990	National Board Exams, Part 1.

ACADEMIC CALENDAR

1990-91

FALL SEMESTER

Monday, August 6, 1990	8:00 A.M. Junior Class 5th Semester Begins.
Saturday, August 11, 1990	Freshman Orientation.
Sunday, August 12, 1990	Registration.
Monday, August 13, 1990	8:00 A.M. Freshman & Sophomore Classes Begin.
Monday, September 3, 1990	Labor Day, No Classes
Wednesday, November 21, 1990	5:00 P.M. Thanksgiving Recess Begins. Junior Class 5th Semester Ends.
Monday, November 26, 1990	8:00 A.M. Freshman & Sophomore Classes Resume. Junior Class Phase I Begins.
Friday, December 14, 1990	5:00 P.M. Freshman & Sophomore 1st Semester Classes End.
Monday, December 17, 1990	8:00 A.M. Freshman & Sophomore Final Exams Begin.
Friday, December 21, 1990	5:00 P.M. Freshman & Sophomore 1st Semester Ends. Winter Recess Begins.

SPRING SEMESTER

Monday, January 7, 1991	8:00 A.M. Freshman & Sophomore 2nd Semester Begins.
Monday, February 18, 1991	Presidents' Birthday, No Classes.
Thursday & Friday, March 14 & 15, 1991	National Boards Exams, Part II.
Friday, March 22, 1991	5:00 P.M. Spring Recess Begins.
Monday, April 1, 1991	8:00 P.M. Freshman & Sophomore Classes Resume.
Friday, April 26, 1991	5:00 P.M. Senior Class Phase II Ends.
Monday, April 29, 1991	8:00 A.M. Senior 8th Semester Begins. Junior Class Phase II Begins.
Friday, May 17, 1991	5:00 P.M. Freshman & Sophomore Classes End.
Monday, May 20, 1991	8:00 A.M. Freshman & Sophomore Final Exams Begin.
Friday, May 24, 1991	5:00 P.M. Freshman & Sophomore 2nd Semester Ends.
Thursday & Friday, June 13 & 14, 1991	National Board Exams, Part 1.
Friday, May 31, 1991	5:00 P.M. Senior 8th Semester Ends.
Sunday, June 2, 1991	Graduation.

Requirements For Admission

Applicants for admission to the first-year class must meet the following requirements prior to matriculation:

1. A Bachelor's degree from an accredited college or university.
2. Completion of one academic year (generally eight semester hours) of the following:
GENERAL BIOLOGY, including laboratory
INORGANIC CHEMISTRY, including laboratory
ORGANIC CHEMISTRY, including laboratory
PHYSICS, including laboratory
ENGLISH COMPOSITION AND LITERATURE

These are minimum academic requirements for admission to Southeastern University College of Osteopathic Medicine. Students are urged to enroll in additional courses in behavioral sciences, cultural subjects and the humanities. Embryology and Genetics are also suggested.

3. All applicants are required to take the Medical College Admissions Test (MCAT). It is strongly recommended that the examination be taken in the spring of the year preceeding the admissions date. If the applicant feels that test scores are unsatisfactory, the examination may be retaken. Only the best set of scores is considered. All scores are to be forwarded to AACOMAS (American Association of Colleges of Osteopathic Medicine Application Service), 6110 Executive Boulevard, Suite 405, Rockville, Maryland 20852.

Applications for the MCAT may be obtained from your college's pre-professional advisor's office, the SECOM admissions office or by writing directly to the Medical College Admission Test, Box 451, Iowa City, Iowa 52240.

The discipline of intensive study required by osteopathic medicine makes the attainment of a superior GPA in undergraduate studies essential.

ACCREDITATION

Southeastern College of Osteopathic Medicine (SECOM) has been granted accreditation by the Bureau of Professional Education of the American Osteopathic Association. This body is recognized by the U.S. Department of Education and the Council on Post-secondary Accreditation as the accrediting agency for colleges educating osteopathic physicians and surgeons.

SECOM has also been licensed by the State Board of Independent Colleges and Universities of Florida.

Application Procedure

Inquiries for admission should be addressed to the Admissions Office, Southeastern University of the Health Sciences College of Osteopathic Medicine, 1750 Northeast 168th Street, North Miami Beach, Florida 33162-3097.

SECOM participates in the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) for the receipt and processing of all applications. AACOMAS takes no part in the selection of students.

AACOMAS application packets may be obtained from SECOM in person or by writing directly to AACOMAS, 6110 Executive Boulevard, Suite 405, Rockville, Maryland 20852.

The following information must be completed before application may be reviewed by SECOM's Admissions Committee:

1. Materials to be mailed directly to AACOMAS — must be received by January 1st:
 - A. AACOMAS Application
 - B. An official transcript from the Registrar of each college or university in which the student was enrolled (mailed directly by the college to AACOMAS).
 - C. MCAT scores.
2. Materials to be mailed to SECOM by February 15th:
 - A. Supplemental Application (sent to applicant by SECOM on receipt of AACOMAS application).
 - B. Application fee of \$50.00 (non-refundable).
 - C. Letter of recommendation from an osteopathic physician is recommended.
 - D. A letter of recommendation from the Preprofessional Committee, or if such committee does not exist, three letters of recommendation, two from science professors and one from a liberal arts professor.

Upon receipt of the completed application and required credentials, the Committee on Admissions will select those who are to be interviewed. Those applicants who are selected will be notified in writing as to the time and place. All applicants who are eventually accepted must be interviewed, but an invitation to appear for an interview should not be construed by the applicant as evidence of final acceptance.

All application credentials must be received by the Admissions Office no later than February 15th.

Notice of acceptance or other action by the Committee on Admissions will be on a "rolling" or periodic schedule. Early completion of the application is, therefore, in the best interest of the student.

Tuition and Fees

The Board of Governors has established the following tuition and fees*:

1. Tuition — \$11,500 for 1989-90 academic year for Florida residents and \$15,500 for residents of all other states. Tuition for 1990-91 will be \$11,965 and \$15,965, respectively.
2. Acceptance Fee — \$1,000. This fee is required to reserve the accepted applicant's place in the entering First Year Class. This advance payment will be credited to the tuition payment due on registration day but is not refundable in case of withdrawal. Payment is due no later than two weeks after the applicant's date of acceptance.
3. Pre-registration Fee — \$1,000. Due May 1st, under the same conditions as Acceptance Fee.

All tuition and fees, less the \$2,000 paid in advance, are due on or before Registration Day. Students will not be admitted to classes until their financial obligation has been met.

*NOTE: Tuition and fees are subject to change at any time at the discretion of the Board of Governors. Fees are neither refundable nor transferable.

Schedule of Application — Admission Cycle

JUNE: Application cycle for following academic year begins. Inquiries are invited by SECOM, and AACOMAS forms will be made available.

JULY: Credentials sent to AACOMAS are processed and applicant records sent to SECOM.

A supplementary application will then be sent to the applicant. When it is completed and returned to SECOM and recommendations are received, the completed application will be evaluated for interview.

OCTOBER: Personal interviews start.

MARCH 1: Deadline for applications to AACOMAS.

MAY 1: Pre-registration fee is due.

Financial Aid

The primary purpose of the Student Financial Aid Program at SECOM is to help as many qualified students as possible attend and complete medical college.

The college believes that the primary financial responsibility for a student's education rests with the student and his family, but realizes that the economic circumstances of some families make it necessary for the student to obtain assistance from other sources.

Most aid awards are based on the financial need of the applicant. Eligibility for financial aid is determined by subtracting the expected family contribution (available sources) from the appropriate budget. The difference is the student's computed financial need. It is the computed financial need (budget minus resources) that the financial aid office attempts to meet in making financial aid awards.

Aid recipients are required to report promptly to the financial aid office any additional financial assistance, such as outside scholarships, grants, and loans.

The section below provides a brief summary of scholarship and other sources of financial aid from the State of Florida, the osteopathic profession, and the Federal government.

SECOM ADMINISTERED PROGRAMS

College Work Study (CWS). This program provides financial aid in the form of part-time employment to enable students to earn some of their educational-related expenses. As a rule, students will normally work ten hours per week and up to forty hours during summer and other vacation periods. A student's College Scholarship Services (CSS) Financial Aid Form, SECOM Financial Aid Application, financial aid transcripts, and all tax forms or their equivalent, must be on file for the student to be eligible.

Short Term Emergency Loans. These loans are for emergency purposes and are available with the amount and duration to be determined in each case by the President or his designee.

OSTEOPATHIC PROFESSION SCHOLARSHIP/LOAN PROGRAMS

A.C.A.-N.O.F. Student Loan Fund. National Loans from this source are available to students who are in their third or fourth year in a college of osteopathic medicine. The maximum loan is for \$2,000 with an interest rate of 8% from date of issuance. Interest payments are due on May 31 of each year. All loans are payable two years after graduation, or three years after graduation if the recipient serves an AOA-approved internship. Application forms are available in the Financial Aid Office.

Auxiliary to the AOA Scholarships. Students who rank in the top 20% of the class are eligible to apply for a \$2,000 scholarship at the end of their freshman year.

Russell C. McCaughan Scholarship. This is a \$400 scholarship awarded to one student from each osteopathic college on completion of the first year.

STATE

Florida

Auxiliary to the Florida Osteopathic Medical Association Scholarship/Loan Fund.

A.F.O.M.A. awards Scholarship/Loans to deserving osteopathic students who are in need of financial assistance in order to pursue an osteopathic medical education. The note carries interest from its date of issuance at the rate of six percent. Applicants must be United States citizens and legal residents of the State of Florida.

Auxiliary to the Pinellas County Osteopathic Medical Society, Florida. This is an interest-free loan of approximately \$1,000. The qualifications for applicants are: residency in Pinellas County, Florida; demonstrated financial need; and good standing as a student, preferably in junior or senior year.

Kiwanis Club of North Miami Beach Scholarship Loan Fund. This is a 6% simple interest loan in the amount of \$1,000. The applicant should demonstrate financial need.

SECOM Minority Scholarship in Osteopathic Medicine.

Amount: Full Tuition (currently \$11,965 per year) for four years.
Eligibility: Entering SECOM Freshman; U.S. citizen or permanent resident; resident of Florida; minority status (strong preference given to members of minority groups considered under-represented in medicine — Black, American Indian, Mexican-American, and mainland Puerto Rican). Selection based on overall qualifications and financial need.

Georgia

Georgia Osteopathic Medical Loan. Awards of up to \$10,000 per year are available to legal residents of the State of Georgia accepted for admission to, or enrolled in good standing at, an osteopathic medical school. Recipients must express a willingness to practice primary care medicine in a medically underserved area in Georgia. Applications can be secured from the Financial Aid Office. Repayment can be cancelled on a year-for-year basis through primary care practice in an underserved area of Georgia.

FEDERALLY SPONSORED SCHOLARSHIP PROGRAMS

Exceptional Financial Aid (EFN) Scholarships. This federally sponsored program provides a limited number of scholarships to students whose needs analysis indicates that neither they nor their parents have any financial resources available to meet the cost of attending medical school. An official need analysis report containing all student and parental financial information, SECOM Financial Aid Application, financial aid transcripts, and all tax forms or their equivalent, must be on file for the students to be deemed eligible. Candidates' files are reviewed in late July or early August. Note: in addition to the above eligibility criteria, to be considered for this scholarship a student must be a U.S. citizen or permanent resident.

FEDERAL SERVICE OBLIGATED SCHOLARSHIPS

Armed Forces Health Profession Scholarship Program (HPSP). These awards are competitive. The award will cover the costs of tuition, fees, books, supplies and a monthly taxable stipend for a year. Recipients must repay that branch of service (Army, Air Force, Navy) one year's active service as a commissioned officer for each year of scholarship support. Minimum obligation is three years.

For further information, contact your nearest Army, Air Force, or Navy recruiter or the Financial Aid Office.

OUTSIDE LOANS/SCHOLARSHIPS/FELLOWSHIPS

Stafford Student Loan (formerly GSL). This loan program enables graduate/professional students to borrow up to \$7,500 per academic year with an overall aggregate to \$54,000, including undergraduate loans. These loans are government subsidized. The interest is paid by the federal government while the student is in school and during deferment and grace periods.

Health Education Assistance Loan (HEAL). This is a variable interest rate, unsubsidized loan. The maximum is \$20,000 per academic year to an aggregate total of \$80,000. However, total aid including the HEAL loan must be within applicable budget and need limits.

Supplemental Loan for Students (SLS). The SLS program awards \$4,000 per year up to a total aggregate amount of \$20,000. The interest is assessed at a variable rate with a 12 percent ceiling. The loan may not exceed the total educational cost minus financial aid awarded.

Veterans' Benefits. Students attending Southeastern College of Osteopathic Medicine are eligible to receive Veterans' benefits under Chapters 30, 31, 32, 34 and 35. For further information and certification material, please contact the Financial Aid Office.

National Medical Fellowships, Inc. This private organization makes awards based on demonstrated financial need. Awards are intended to supplement aid received from other sources. The number of awards is determined by the funds available.

Eligibility Criteria: Applicants must be U.S. citizens or permanent residents who have filed a declaration of intent to become a U.S. citizen, and must be from a minority group considered under-represented in medicine (Blacks, Mexican Americans, American Indians, and mainland Puerto Ricans), and in their first or second year of studies.

We encourage our student applicants to investigate independent sources of funds, such as corporations in which family or relatives are employed, and religious or fraternal groups and service organizations in the localities where the applicant or his/her family resides.

The financial aid administrator stands ready to assist students in pursuing any and all of these avenues.

For further information on any of the listed programs contact the financial aid officer.

Requirements For Graduation

In order to be eligible for the degree of Doctor of Osteopathy, each student shall:

- a) Be at least twenty-one years of age.
- b) Be of good moral character.
- c) Have satisfactorily passed all prescribed examinations.
- d) Have satisfactorily completed the program of study required for the degree, including all assignments.
- e) Have satisfactorily discharged all financial obligations.
- f) Take Parts I and II of the National Board Examination.
- g) Attend in person the commencement program at which time the degree is conferred.
- h) Have been a student in an accredited osteopathic college for at least four academic years.

The College reserves the right, and the student, by his/her act of matriculation, concedes to the College the right to require his/her withdrawal at any time the College deems it necessary to safeguard its standards of scholarship, conduct and compliance with regulations or for such other reasons as are deemed appropriate.

Course of Study

SECOM's four-year curriculum leading to the DO degree has for its goal the preparation of the student for the general practice of osteopathic medicine. A qualified faculty of certified and board-eligible physicians, competent PhDs, and supportive staff will carry out the program's objectives.

The first two and one-half years of instruction are devoted to developing a good foundation in the basic sciences (anatomy, microbiology, pathology, biochemistry, physiology and pharmacology) along with didactic studies in the clinical sciences, including osteopathic principles and practice and the humanities. Clinical sciences are introduced in the first year, and are gradually expanded as the student progresses in his/her course. "Hands-on" experience is provided regularly to enhance the learning process.

Starting with the sixth semester, emphasis will be on actual clinical training, which includes teaching rotations in affiliated hospitals, clinics and health centers as well as in the offices of selected physicians. Under the direct supervision of qualified physicians, students will learn to assume an increasingly greater share of responsibility for all phases of patient care.

After 17 months of clinical service, students will return to campus for an eighth semester consisting of basic and clinical science correlations, and professional and personal preparation for internship, residency and practice.

Throughout the course of study the principles and practice of osteopathic medicine, emphasizing manipulative techniques, will be applied in specific fields. Special attention will be given to important aspects of community medicine including geriatrics, minority medicine, and the humanities.



CURRICULUM OUTLINE

FIRST YEAR, FIRST SEMESTER

COURSE	HOURS
Anatomy I (Embryology)	15
Anatomy II (Histology)	108
Anatomy III (Gross Anatomy of the Trunk and Extremities)	183
Biochemistry I (Introduction, Metabolism)	109
Dean's Hour	18
Emergency Medicine I (First Aid)	9
Emergency Medicine II (Basic Cardiac Life Support).	9
Medical Humanities I (History of Medicine)	9
Medical Humanities II (Humanities in Medicine)	9
OP&P I (General Principles and Techniques)	72
Physiology I (General)	76
TOTAL HOURS	617

FIRST YEAR, SECOND SEMESTER

COURSE	HOURS
Anatomy IV (Head and Neck)	82
Anatomy V (Neuroanatomy)	65
Biochemistry II (Nutrition, Organ Systems)	53
Dean's Hour	18
Family Medicine I (Art of History Taking)	18
Medical Humanities III (Human Sexuality)	18
Microbiology I (Immunology, Bacteriology)	100
OP&P II (Regional Principles and Techniques)	72
Physiology II (Systems)	122
Psychiatry I (Introduction to Psychiatry)	9
TOTAL HOURS	557

SECOND YEAR, FIRST SEMESTER

COURSE	HOURS
Community Medicine I (Biostatistics)	6
Community Medicine II (Survey of Community Medicine)	8
Medical Communications I (Writing, Speaking and Computers)	18
Microbiology II (Mycology, Parasitology, Virology)	62
Neurology	36
OP&P III (Systemic Dysfunctions)	72
Pathology I (General Pathology)	154
Pharmacology	90
Psychiatry II (General Psychiatry)	36
Surgery I (Basics in Surgery)	10
Surgery II (General Surgery)	26
Surgery III (Cardiothoracic Surgery)	9
TOTAL HOURS	527

SECOND YEAR, SECOND SEMESTER

COURSE	HOURS
Community Medicine III (Tropical Medicine)	9
Community Medicine IV (Health Care Delivery)	9
Dermatology	18
Family Medicine II (Rural Medicine)	18
Family Medicine III (Hospital Practicum)	72
Internal Medicine I (Endocrinology)	18
Internal Medicine II (Pulmonary)	18
Internal Medicine III (Gastroenterology)	36
Obstetrics and Gynecology I (Gynecology)	36
Ophthalmology	18
OP&P IV (Special Techniques)	68
Pathology II (Clinical Pathology)	24
Pediatrics I	36
Pharmacology	36
Psychiatry III (Special Problems and Substance Abuse)	18
Radiology (Clinical Radiology)	18
Surgery IV (Urology)	18
Surgery V (Orthopedics)	18
TOTAL HOURS	489

THIRD YEAR, FIRST SEMESTER

COURSE	HOURS
Anesthesiology	6
Community Medicine V (Medical Jurisprudence)	14
Emergency Medicine III (Advanced Cardiac Life Support)	16
Emergency Medicine IV (Emergency Medicine)	16
Family Medicine (Geriatrics)	18
Family Medicine V (Minority Medicine)	18
Family Medicine VI (Nutrition)	18
Family Medicine VII (Patient Procedures and Management)	36
Family Medicine VIII (Medical Problem Solving)	36
Family Medicine IX (Physical Medicine and Rehabilitation)	18
Family Medicine X (Sports Medicine)	18
Family Medicine XI (Clinical Practicum)	72
Internal Medicine IV (Rheumatology)	9
Internal Medicine V (Allergy)	9
Internal Medicine VI (Infectious Diseases)	16
Internal Medicine VII (Nephrology)	16
Internal Medicine VIII (Hematology, Oncology)	16
Internal Medicine IX (Cardiovascular Medicine)	40
Medical Humanities IV (Religion, Philosophy and Ethics in Medicine)	9
Obstetrics and Gynecology II (Obstetrics)	32
Otorhinolaryngology	16
Pediatrics II	32
Surgery VI (Proctology)	9
TOTAL HOURS	502

THIRD AND FOURTH YEARS

Clinical Rotations — Phase 1

Family Medicine
Internal Medicine
Pediatrics
Psychiatry
Surgery

Clinical Rotations — Phase II

Elective
Geriatrics
Internal Medicine
Obstetrics/Gynecology
Out-Patient Clinics, 3 months
Rural Medicine
Selective - Medical
Selective - Surgical
Surgery and Surgical Specialties
Vacation

FOURTH YEAR, SECOND SEMESTER

EIGHTH SEMESTER — (1 MONTH)

This semester consists of full-time teaching correlation seminars as well as sessions relating to personal and professional preparation for internship, residency and practice. More than 160 hours of activity are included in this semester.



Anatomy

Chairman & Professor: G.R. Conover; **Professors Emeriti:** F.H. Higginbotham, A.C. Higginbotham; **Associate Professors:** L.B. Dribin, G.D. Ericson, D.R. Maurer; **Assistant Professor:** S.F. Simpson

Anatomy I EMBRYOLOGY

15 Hours

A brief introduction to human embryology from gametogenesis to formulation of the trilaminar disc, including placentation. Development of organ systems is studied in appropriate areas of Gross Anatomy and Neuroanatomy.

Anatomy II HISTOLOGY

108 Hours

A detailed study of cells, tissues and organs of the body as seen through the light microscope, involving both lectures and laboratory work. Transmission and scanning electron microslides are also studied.

Anatomy III GROSS ANATOMY OF THE TRUNK & EXTREMITIES

183 Hours

A detailed study of the gross structure of the human trunk and extremities, including dissection by teams of four students.

Anatomy IV GROSS ANATOMY OF THE HEAD & NECK

82 Hours

Continuation of Anatomy II with dissection of head and neck, excluding the brain.

Anatomy V NEUROANATOMY

65 Hours

A study of the gross structure of the brain and spinal cord and the functional relationship among their parts. Emphasis is placed upon major motor and sensory pathways, cranial nerve nuclei and pathways, integrative mechanisms of the central nervous system and autonomic pathways and control systems.

Anesthesiology

Chairman & Associate Professor: R.H. Schulthorpe; **Instructor:** G.J. Arcos

ANESTHESIOLOGY

9 Hours

This course will present the student with the fundamentals of clinical anesthesia including pre-operative and post-operative care, selection of anesthesia, and intra-operative management with both general and regional anesthetics. It will provide the background knowledge necessary for family physicians who may be responsible for the preparation and after-care of their patients undergoing anesthesia.

Biochemistry

Chairman & Professor: K.H. Wodside; **Assistant Professors:** E.E. Groseclose, E.O. Keith

Biochemistry I INTRODUCTION AND METABOLISM

109 Hours

This course considers the biochemical reactions and pathways which form the basis for an understanding of normal human health. Laboratory exercises, some involving student volunteer subjects, are included. Several clinical correlation conferences serve to illustrate the normal pathways of metabolism by presenting data on specific diseases.

Biochemistry II NUTRITION AND ORGAN SYSTEMS

53 Hours

Nutrition from a biochemical viewpoint, the biochemistry of the gastrointestinal, pulmonary, renal, muscular and other systems, and endocrinology will be studied. Several laboratories and clinical correlation conferences will be included.

Community Medicine

Chairman & Assistant Professor: W.D. Kirsh; **Professor:** F. Lippman; **Professor Emeritus:** C.L. Brumback; **Clinical Professor:** M. Morganstine; **Associate Professor:** R.A.J. Fernandez; **Clinical Associate Professors:** H.H. Mones, M. Rosenbluth, B.B. Slaughter, P.E. Varidin, R.D. Knapp, S.B. Zucker; **Adjunct Associate Professor:** M. Casper; **Assistant Professors:** C. Aceves-Blumenthal, E.H. Clouse, D.P. Lipson; **Clinical Instructor:** D.R. James

Community Medicine I SURVEY OF COMMUNITY MEDICINE

12 Hours

A socio-economic overview of "public health" with emphasis on the last 20 years. Course work focuses on health statistics, epidemiology, medical sociology, environmental and occupational medicine, quality of care and manpower management. The role of government is contrasted to the historic "non-involvement" of primary medicine.

Community Medicine II BIostatISTICS

6 Hours

The student will be introduced to some of the basic concepts of medical biostatistics. Basic terminology, as well as evaluation of medical research and literature, will be stressed.

Community Medicine III TROPICAL MEDICINE

9 Hours

The Tropical Medicine section of Community Medicine covers the diseases found in sub-tropical and tropical climates. Emphasis is placed on etiology, epidemiology, prevention and treatment of the disease conditions.

Community Medicine IV HEALTH CARE DELIVERY

9 Hours

An overview of the existing methods of bringing health care to the community. Individualism and old traditions are contrasted with the need for balancing availability of services with equitable costs and quality of care.

Community Medicine V MEDICAL JURISPRUDENCE

18 Hours

A seminar and lecture series designed to give the student an appreciation of physician-attorney relationships. An appropriate positive viewpoint is developed relative to court appearances of physicians and preparation of medical reports related to legal issues.

Dermatology

Chairman & Associate Professor: H.A. Schwartzberg; **Clinical Professor:** I. Feldman; **Clinical Assistant Professors:** P.E. Dermer, G. Siegel, S.E. Skopit

DERMATOLOGY

18 Hours

This course will cover basic diagnostic and laboratory methods used to classify and diagnose dermatologic problems. Simple office surgical techniques will also be covered.

Emergency Medicine

Chairman & Associate Professor: B. Feingold; **Clinical Associate Professors:** J.C. Eutzler, E.L. Gitlin; **Clinical Assistant Professors:** G.S. Birse, J. Coyle, W. Fili, D. Reynolds, S. Silverman, E.B. Tow, L.S. Ulin; **Clinical Instructors:** A. Bern, S. Collucciello, M. Garrell, D. Hauser, P. Lamelas, M. Latterman, M. Meloni, D. Muth, M. Plotka, A. Roba, S. Tenenbaum; **Adjunct Clinical Instructor:** E. Sarama

Emergency Medicine I FIRST AID

9 Hours

The goal of this course is proficiency in basic first aid. It is based on the Emergency Medical Technician introductory course and prepares the student to render first aid in all situations.

Emergency Medicine II BASIC CARDIAC LIFE SUPPORT

9 Hours

This course in basic cardiac life support is approved by the American Heart Association and leads to certification upon successful completion.

Emergency Medicine III ADVANCED CARDIAC LIFE SUPPORT

16 Hours

The student will take an advanced cardiac life support course approved by the American Heart Association. Current certification in basic cardiac life support is a prerequisite for this course.

Emergency Medicine IV EMERGENCY MEDICINE

18 Hours

This course stresses the prompt recognition and emergency management of both common and serious problems.

General Practice/Family Medicine

Chairman & Associate Professor: R.A. Fernandez; **Professors:** M.J. Goldstein, J.J. Namey, N.A. Natkow, M.T. Smith, M.A. Terry; **Associate Professors:** F.A. Komara, Director of Geriatrics; D.R. Reider, Director of Residency Training Program; **Clinical Associate Professors:** J.J. Blitz, A. Feldman, M.S. Fox, R. Greer, III, D.G. Hooper, J.G. Hull, M. Perez-Espinosa, R.L. Perraud; **Visiting Associate Professor:** R. Goldberg; **Assistant Professors:** E. Anmuth, Director of Faculty Development, W.D. Kirsh, D.B. Levine, D.E. Shaw, J. Sutton, C.A. Woodson; **Clinical Assistant Professors:** J.A. Agostinelli, G. Bahadue, R.A. Collins, W.B. Flesner, III, J.A. Gonzalez, R.C. Greer, IV, A.K. Gruskin, M. Ham-Ying, R.S. Hand, R.E. Hathaway, F. Herrera, D. Kudelko, S. Mosler, B.M. Nelson, R.S. Oller, A.G. Pappas, M. Rosenblatt, J.J. Serra, L.P. Stillman, S. Strikowsky; **Instructors:** Y. Duffe, M. Rosenthal, J. Saluck; **Clinical Instructors:** R. Bennett, M. Davenport, J. Gonzales, T. Gozleveli, D. Guadagna, A. Hayden, W. Hensen, R. Kalter, M. Krutchik, A. McLean, G. Moran, D. Mosch, E. Rancatore, R. Sanchez, V. Scolaro, G. Smith, T. Whiteneck



COLLEGE OF OSTEOPATHIC MEDICINE

Family Medicine I PATIENT EVALUATION

54 Hours

The purpose of this course is to introduce the student to patient evaluation techniques. The student is exposed to standard history taking, physical examination and recognition of non-verbal and other clues.

Family Medicine II RURAL MEDICINE

18 Hours

The student is introduced to the concepts of a rural practice. The role of the rural practitioner is explored looking at both the advantages and disadvantages.

Family Medicine III HOSPITAL PRACTICUM

72 Hours

Students will be taught hospital techniques in preparation for clinical rotations. Training time will be assigned in a variety of areas at SECOM's teaching hospitals. Patient evaluation will be stressed.

Family Medicine IV GERIATRICS

18 Hours

This course will review the normal geriatric patient as well as covering pertinent pathological processes. Bio-psycho-social aspects will be stressed.

Family Medicine V MINORITY MEDICINE

18 Hours

Problems inherent in the delivery of health care to minority groups are discussed. A significant portion of the course will deal with communications, cultural factors, compliance and the doctor-patient relationship.

Family Medicine VI NUTRITION

18 Hours

The student will be taught a detailed course in normal and abnormal nutrition. Included are the assessment of nutritional status and a discussion of many of the prevailing diets.

Family Medicine VII PATIENT PROCEDURES & MANAGEMENT

36 Hours

The student will be prepared for some of the procedures encountered in clinical rotation. The goal is to ensure familiarity with these procedures.

Family Medicine VIII CLINICAL CORRELATIONS

36 Hours

Here, the student is required to demonstrate high-order problem solving ability through case studies and medical simulation, using knowledge gained from didactic and clinical courses.

Family Medicine IX PHYSICAL MEDICINE

18 Hours

This survey course will present a basic overview of physical medicine along with the use of modalities, and the interaction of somatic and psychological factors. Physical medicine in the rehabilitation of the patient is emphasized.

Family Medicine X SPORTS MEDICINE

18 Hours

This course will emphasize the role of the physician in sports medicine. The entire spectrum, including nutrition, prevention, conditioning, diagnosis and therapy, will be covered.

Family Medicine XI CLINICAL PRACTICUM

72 Hours

Students are assigned a series of history and physical examinations at SECOM's teaching hospitals, which upon completion are thoroughly critiqued. Familiarity with various procedures is gained through lectures and use of manikins.

Humanities

Chairman & Professor: S. Cohen; **Visiting Professor:** E. Fliegelman; **Associate Professor:** J.Z. Spike; **Assistant Professors:** D.E. Shaw, C.A. Woodson

Medical Humanities I HISTORY OF MEDICINE

9 Hours

This course traces the recorded history of all kinds of medicine from the ancient Egyptians and Babylonians, 6000 years ago, through to modern times. There is a complete discussion of Osteopathic Medicine from its inception with Dr. Andrew Taylor Still to its place in the delivery of health care today.

Medical Humanities II HUMANITIES IN MEDICINE

9 Hours

Material presented aids the student in understanding the patient-physician relationship. Dilemmas such as euthanasia, truth telling, abortion, sterilization, malpractice and death & dying are discussed. Role playing and case histories are presented and analyzed.

Medical Humanities III HUMAN SEXUALITY

18 Hours

Topics covered include the human sexual response cycle as well as the physiology and anatomy of sexual apparatus. Masturbation, alternate sexual life styles, sexuality through the life cycle, sexual violence, effects of drugs and alcohol on sex function, and the effect of illness and surgery on sexuality are studied. Guest lectures, videotapes and role playing are arranged.

Medical Humanities IV RELIGION, PHILOSOPHY AND ETHICS IN MEDICINE

18 Hours

This course will consist of a series of lectures and discussion groups on the interpretation of religious beliefs, philosophical views and ethical outlooks with the problems of everyday medical care. Decision-making issues include the allocation of resources, human experimentation, informed consent, living will, refusing treatment, mental competency, suicide, patient-physician conflicts and patient-institution conflicts. Emphasis is on the psycho-social medical model rather than the bio-medical one.

Internal Medicine

Chairman & Professor: A.A. Greber; **Professor:** M. Terry; **Clinical Professor:** S. Alterman; **Clinical Associate Professors:** W.J. Blechman, L. Chaykin, G. Kotsch, C.D. Wingfield; **Clinical Assistant Professors:** L. Adler, D.D. Angelis, O. Farmati, B. Grapin, M. Jaffee, J.M. Littlefield, R. Misischia, H. Pardell, A.C. Powell, J. Rosin, R. Schwartzberg, A.J. Shapiro; **Visiting Assistant Professor:** D. Condolucci; **Clinical Instructors:** S.L. Kanner, L. Farmer, J. Fox, J.R. Quero

Division of Cardiovascular Medicine

Chairman & Professor: A.A. Greber; **Professor:** R.B. Kaufman; **Visiting Professors:** J.W. Lister, R. Berger; **Clinical Associate Professors:** J.G. Minkes, C.I. Schulman, D.M. Spiller; **Clinical Assistant Professors:** P.E. Kudelko, M.A. Ravitsky, N.B. Tytler, Jr.; **Instructor:** M.M. Kesselman

Division of Hematology/Oncology

Chairman and Clinical Assistant Professor: B.M. Krein; **Clinical Assistant Professors:** A.E. Hano, B.S. Horowitz, J.B. Leslie, H. Saber; **Clinical Instructor:** J.I. Weisberg

Division of Medical Diseases of the Chest

Chairman & Associate Professor: C.F. Corrales; **Clinical Associate Professors:** E.B. Bolton, Jr., A.N. Ottaviani; **Clinical Assistant Professor:** D.J. O'Leary

COLLEGE OF OSTEOPATHIC MEDICINE

Division of Nephrology

Chairman & Clinical Assistant Professor: C.M. Glasser.

Internal Medicine I ENDOCRINOLOGY

18 Hours

The student will gain an understanding of the abnormalities of the endocrine system. Endocrine function studies will be presented in conjunction with the etiology, diagnosis and treatment of disease states.

Internal Medicine II PULMONARY MEDICINE

36 Hours

A complete discussion of pulmonary disease will be presented. Emphasis will be placed on ventilatory management, blood gases, bronchoscopy and occupational lung diseases.

Internal Medicine III GASTROENTEROLOGY

36 Hours

A detailed program on gastrointestinal diseases will be presented. This will include a review of x-ray and laboratory findings.

Internal Medicine IV RHEUMATOLOGY

9 Hours

The goal of this course is to instruct the student in the arthropathies. Physical diagnosis, x-ray and laboratory diagnosis, as well as therapeutic measures will be discussed.

Internal Medicine V ALLERGY

9 Hours

This course will incorporate a review of the immune system and its function in relation to allergic diseases. Non-immunologic factors will also be discussed.

Internal Medicine VI INFECTIOUS DISEASES

16 Hours

This program will include the basic principles for the diagnosis and treatment of the febrile patient. Mechanisms and actions of antibiotics will be included.

Internal Medicine VII NEPHROLOGY

18 Hours

This course will provide the student with a complete evaluation of renal function including metabolic acidosis and alkalosis and disorders of water metabolism. Hypertension, dialysis and other diseases of the kidney will be covered.

Internal Medicine VIII HEMATOLOGY/ONCOLOGY

18 Hours

The goal of this course is to prepare the student to identify and treat hematologic and neoplastic disorders through discussion of the anemias and other abnormalities. The student will be introduced to cancer as a common, chronic and treatable disease with emphasis placed on recognizing etiologic factors and symptom patterns, all appropriate diagnostic studies and treatment modalities.

Internal Medicine IX ELECTROCARDIOGRAPHY

12 Hours

This course stresses the understanding of the electrophysiological principles leading to the genesis of both normal and abnormal electrocardiograms. Clinical correlation with ECGs is stressed.

Internal Medicine X CARDIOVASCULAR MEDICINE

40 hours

The approach to the patient with cardiovascular disease will be reviewed. A discussion of cardiac physiology will be followed by instruction in all forms of cardiovascular disease. The cardiac patient simulator "Harvey" is utilized to present inclusive clinical disorders. Peripheral vascular diseases are included in this curriculum.

Medical Communications

Chairman & Professor: R.A. Klobnak; **Professor:** A. Melnick; **Assistant Professor:** R.A. Rich

**Medical Communications I MEDICAL WRITING,
MEDICAL SPEAKING AND COMPUTERS IN MEDICINE**

18 Hours

Students will have an opportunity for practical, supervised experience in medical writing and speaking. Additional lecturers will focus on computer technology in medicine.

Medical Communications II MEDIA AND THE PHYSICIAN

9 Hours

Students will be exposed to how print and broadcast media gather and disseminate news with an emphasis on interview response. Course will feature lectures by media professionals and include spokesperson training.

Microbiology

Chairman & Professor: H.E. Laubach; **Adjunct Professor:** G. Kucker; **Associate Professor:** H. Hada; **Assistant Professor:** S.O. Obenaul

Microbiology I IMMUNOLOGY AND BACTERIOLOGY

19 Hours

Immunology involves the study of the biological role of lymphocytes, lymphocyte products and phagocytic cells in relation to infections and noninfectious diseases. Laboratories will cover basic techniques used to diagnose immunological abnormalities. This course is an introduction to the basic morphology, physiology, genetics, metabolism and pathogenesis of medically important bacteria. Special emphasis is placed on the diagnosis and treatment of bacterial diseases. Laboratory exercises address the concepts of bacterial morphology, taxonomy and identification, and antibiotic testing.

Microbiology II MYCOLOGY, PARASITOLOGY AND VIROLOGY

71 Hours

The mycology course includes the study of the taxonomy, physiology, pathogenesis, diagnosis and treatment of pathogenic fungi. Laboratories cover basic physiological and taxonomical aspects of the diagnosis of yeasts and molds. The study of eucaryotic parasites includes the taxonomy, pathogenesis, diagnosis and treatment of infections with protozoans, helminths and arthropods. Laboratories are designed to train students in basic clinical methodology. Concepts in the virology course emphasize the basic morphology, taxonomy, life cycles, genetics, pathogenesis, immunity, diagnosis and treatment of human viral diseases. Laboratories are involved with the study of virus infectivity and pathogenesis.

Neurology

Chairman & Professor: A.B. Surloff; **Clinical Associate Professor:** B.J. Cutler

NEUROLOGY

36 Hours

A discussion of neurological illness will be supplemented with patient case presentations. Students will be introduced to neurological illnesses as well as interesting neurological phenomena.

Obstetrics and Gynecology

Chairman & Professor: D.R. Barkus; **Clinical Professor:** B.L. Stalnaker; **Clinical Associate Professors:** J.T. Fischer, R.A. Kronstadt; **Clinical Assistant Professors:** W. Burrows, R. Kreinest, J.M. Lynn, M. Newman; **Clinical Instructors:** S. Duncan, S. Fox

Obstetrics and Gynecology I GYNECOLOGY**36 Hours**

This course begins with a review of the functional anatomy, embryology and physiology of the human reproductive organs. The student is taught to evaluate the female patient, after which non-surgical and surgical diseases are reviewed from the standpoint of diagnosis and management. The student is then taught sexuality, conception control and pre- and post-operative surgical management to complete the course.

Obstetrics and Gynecology II OBSTETRICS**36 Hours**

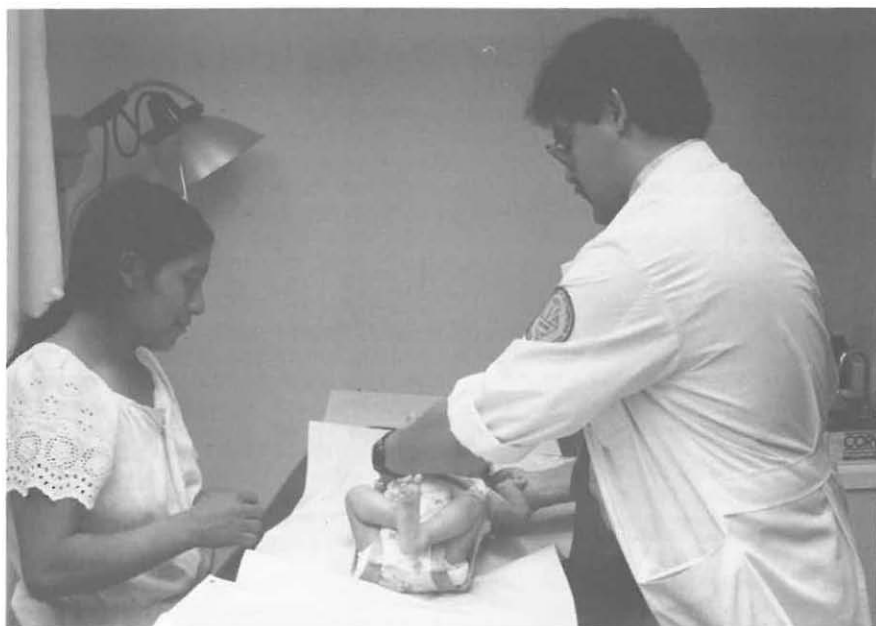
The course consists of systematic study of pregnancy, labor and puerperium. Beginning with a review of anatomy, embryology and the physiology of human reproduction, the student is taught the management of the normal pregnancy, labor and delivery. This is followed by studies in the recognition and management of the abnormal pregnancy.

Ophthalmology

Chairman & Associate Professor: W. Bizer; **Professor Emeritus:** E.D. Hersh; **Clinical Assistant Professors:** R.L. Bentz, R.J. Gulliner, E.R. Leonard, A.L. Rubin

OPHTHALMOLOGY**18 Hours**

The didactic material covers the ocular manifestations of systemic medical and neurological disease. The general nature of the major ocular conditions including glaucoma, strabismus, presbyopia and cataract is stressed. The course includes lectures, tapes and practical laboratory periods.



Osteopathic Principles and Practice

Chairman and Professor: A. Snyder; **Professor:** J.W. Upledger; **Visiting Professor:** S. Blood;
Assistant Professors: M. Greenhouse, E. Rentz, B.B. Swartz; **Instructor:** C. Mondello

OP&P I GENERAL PRINCIPLES OF DIAGNOSIS

72 Hours

This course serves as an introduction to Osteopathic Medicine and covers general principles and techniques of diagnosis of the axial skeleton and para-spinal regions. The student is exposed to basic terminology and examination skills through lectures, demonstration and performance.

OP&P II REGIONAL PRINCIPLES AND TECHNIQUES

72 Hours

This course is devoted to studies of principles and techniques on a regional basis including the pelvis, sacrum, lumbar spine and lower extremity. Attention is paid to neurovascular outflow into the lower extremity and to the neurophysiological aspects of muscle dysfunction and pain mechanisms. Multiple modalities include counterstrain, myofascial release, high velocity low amplitude, indirect technique and muscle energy techniques.

OP&P III REGIONAL PRINCIPLES AND TECHNIQUES (CONT.)

72 Hours

This course is devoted to studies of principles and techniques of a regional basis including thoracic spine, rib cage, cervical spine and upper extremity. Attention is paid to the autonomic nervous system as mediator of structure and function. This course also enhances the development of the palpatory diagnosis and treatment in the paraspinal as well as the spinal areas of dysfunction.

OP&P IV SPECIAL TECHNIQUES

68 Hours

This course deals with newer forms of musculoskeletal treatment which includes topics such as myofascial pain and common muscular pain syndromes. Osteopathic approach to systemic diseases is covered as well as a 20-hour course in cranial sacral OMT.

Otorhinolaryngology

Chairman & Associate Professor: D.J. Duncan; **Professor Emeritus:** R.C. Salach; **Clinical Assistant Professors:** J.H. Caschette, J.S. Gotlieb, R. Maliner, R.B. Contrucci.

OTORHINOLARYNGOLOGY

18 Hours

A complete study of disease, treatment and surgery of the ear, nose, throat and neck and their particular application to general practice, including lectures, audio-visual presentation, clinical demonstration and application.

Pathology

Acting Chairman & Clinical Associate Professor: G. Weisbaum; **Professor Emeritus:** D.C. Bergmann; **Clinical Associate Professors:** L. Lang, III, M.R. Osattin; **Clinical Assistant Professors:** R. Ziegler, J. Mones; **Instructor:** D.A. Russo

Pathology I GENERAL PATHOLOGY

154 hours

The pathology course will correlate the pathological processes of disease with the pathophysiology involved in the organs and tissues of the body.

Pathology II CLINICAL PATHOLOGY

36 Hours

Clinical pathology presents the laboratory procedures involving studies of body fluids (urine, blood, spinal fluid, etc.) and their interpretation in the disease process.

Pediatrics

Chairman & Assistant Professor: C. Blavo; **Professor:** A. Melnick; **Clinical Associate Professors:** D. Marcus, M. Marcus, E.J. Marsh; **Clinical Assistant Professors:** I. Fialko, S.M. Haynes, A.M. Johnson, D.L. Ragonesi, C.J. Schubert

Pediatrics I

36 Hours

The first semester in pediatrics will introduce growth and development, nutrition, psychological pediatrics and the newborn and premature infant. The normal infant and child will be emphasized followed by a systematic study of disease processes in the pediatric age group.

Pediatrics II

36 Hours

Presentation of childhood illnesses by system will be continued in this semester. Special problems in the field of pediatrics and a study of adolescent medicine will complete the course.

Pharmacology

Chairman and Professor: D. Baeder; **Professors:** G.J. Norwood, F. Farris; **Assistant Professors:** C. Celestin, L. Crespo, J.W. Triplett

PHARMACOLOGY

126 Hours

This course begins with a thorough grounding in the principles of drug action. The classes of drugs used in clinical practice will be examined in detail, with particular emphasis on structure and activity, mode of action, side effects, toxicity and drug interactions. The pharmacological intervention of pathophysiological processes will be stressed as well as the clinical application of each drug class.

Physiology

Chairman and Professor: H.J. Lyons; **Associate Professor:** B. Sturbaum; **Assistant Professor:** C. Woody

Medical Physiology I GENERAL PHYSIOLOGY

76 Hours

A comprehensive study of human physiology presented from an organ systems approach. This course will include the study of general (cell, membrane, muscle and blood) and cardiovascular physiology. Limited laboratory experience will reinforce lecture presentations and acquaint students with scientific methods and reasoning.

Medical Physiology II SYSTEMS PHYSIOLOGY

122 Hours

A continuation of Medical Physiology I. This course emphasizes renal, gastrointestinal, respiratory, endocrine, reproductive and neuropsychology.

Psychiatry

Chairman & Professor: D.M. Masters, **Clinical Associate Professors:** C.C. Barton, H.B. Jones, J.B. Joye; **Assistant Professors:** J. Deming, C.B. Mutter; **Clinical Assistant Professors:** P.S. Boyne, L.G. Brewer, U.W. Geertz, H.M. Israel, J.J. Lapeyra, C.W. Liberson, A.T. Stillman; **Clinical Instructor:** G.T. Fishman

Psychiatry I INTRODUCTION TO PSYCHIATRY**18 Hours**

The purpose of this course is to provide the student with a solid basis for the understanding of human behavior and the application of this understanding in his future role as a physician. The course material will be presented in the context of being integrated into a humanistic, holistic, bio-psychological approach to the patient.

Psychiatry II GENERAL PSYCHIATRY**36 Hours**

This course will present to the student the essentials of clinical psychopathology including the symptoms, diagnosis and treatment of mental, emotional and behavioral problems in children, adolescents and adults.

Psychiatry III SPECIAL PROBLEMS AND SUBSTANCE ABUSE**18 Hours**

This course will offer the student the opportunity to study and learn to manage certain special psychologically related problems such as alcohol and drug abuse, psychological problems of the geriatric patient, psychiatric emergencies, pain, sleep disorders, psychosexual disorders, stress and grief reactions, and death and dying.

Radiology

Chairman & Professor: D.M. Finkelstein; **Clinical Professors:** P.M. Dworkin, R. Klein, F. Manlio, S.R. Rente, Jr., J.G. Stella; **Clinical Associate Professors:** J.I. Jackson, B.E. Pyko; **Instructor:** I.G. Murray; **Adjunct Clinical Instructor:** M. Finkelstein

Radiology CLINICAL RADIOLOGY**18 Hours**

The course is designed to integrate the material learned in Pathology and correlate this with pathologic radiographic anatomy. The student will gain familiarity with various imaging studies. Also included are materials on radiobiology and radiotherapy.

Surgery

Chairman & Professor: S.B. Kaye; **Clinical Professor:** M.A. Longo; **Clinical Associate Professors:** A.N. Fields, R. Laskody, A. La Torre, **Instructor:** A.A. Netzman

Division of Orthopedic Surgery

Chairman & Professor: B.B. Swartz; **Professors:** M.J. Morris, M. Rech; **Associate Professor:** D.L. Gula; **Clinical Instructor:** P. Christ

Division of Plastic Surgery

Chairman & Clinical Associate Professor: C. B. Radlauer

Division of Proctology

Chairman & Associate Professor: H. Kirsh; **Clinical Associate Professors:** R.H. Gillon, H. Weinstock; **Clinical Assistant Professor:** J.A. Greenspan

Division of Thoracic Surgery

Acting Chairman and Assistant Professor: R. Bloom

Division of Urology

Chairman and Professor: W.A. Steinsnyder; **Professor:** H.R. Steinsnyder; **Clinical Associate Professors:** R.A. Hoffberger, R. Rappel; **Clinical Assistant Professor:** R.B. Antosek

Surgery I BASICS IN SURGERY

10 Hours

This course will cover the basic concepts common to all surgery. Subjects will include homeostasis, shock, fluid and electrolyte balance and other necessary principles.

Surgery II GENERAL SURGERY

26 Hours

Surgery and its subspecialties will be presented with emphasis upon the structural derangement underlying the disease process and on the surgical reestablishment of the functional integrity of the organ system. Surgical advances including transplantation and implant of prosthetic devices will be presented, knowing that the family practitioner must be prepared to advise the patient and family in choice of therapy.

Surgery III CARDIOTHORACIC SURGERY

9 Hours

A survey of cardiothoracic surgery will be presented stressing the recognition and treatment of the various entities involved.

Surgery IV UROLOGY

18 Hours

Urology will be presented in a structure/function relationship approach. Relevance of basic science to clinical treatment is stressed.

Surgery V ORTHOPEDICS

18 Hours

Orthopedic surgery will be presented to prepare the student for the diagnosis and treatment of basic orthopedic problems. Fracture care will be covered with emphasis on the role of family practitioners.

Surgery VI PROCTOLOGY

9 Hours

A comprehensive lecture course in proctology will be presented covering all aspects of diagnosis and treatment of the various pathologies affecting the lower intestinal tract. Application of the osteopathic concept will be stressed.

Special Academic Programs

Area Health Education Center, AHEC

The Southeastern University of the Health Sciences was designated as an Area Health Education Center (AHEC) by the Federal government and was awarded a grant under that program in 1985.

This was particularly significant because Southeastern University earned the distinction of being the first medical school in Florida to be selected for an AHEC Program.

Goals of the program are to improve the distribution of medical manpower and related health services, and to provide the people of underserved communities with access to better care.

The AHEC program accomplishes this mission by developing active networks and partnerships among academic institutions which train health professionals and community groups in the remote and underserved areas. Several other health professions training institutions participate in all aspects of the University's regionwide AHEC program, in addition to our medical, pharmacy and optometry schools. They include Florida International University (nursing, social work, allied health), Florida Atlantic University (nursing, social work), Palm Beach Junior College (nursing, dental hygiene), and Broward Community College (continuing education /health professions).

Our first AHEC center, the Everglades AHEC, reaches underserved areas within a 10-county region covering about 10,000 square miles and stretching from inner-city areas in northern Dade County to isolated rural communities around Lake Okeechobee. Based on the success of the Everglades AHEC program in South Florida, the University was awarded additional funding to develop a Central Florida AHEC program in Fall, 1988.

The AHEC programs to date have been broad and comprehensive in scope. Recruitment programs have included AHEC's innovative student-based Practice Opportunities Program (POP), begun three years ago, and a summer health careers camp for high school students from underserved areas. Training programs have included a large number of multidisciplinary opportunities for both undergraduate and graduate students in a wide variety of primary care settings throughout the region. Retention programs have focused on providing practitioners in underserved areas with enhanced opportunities to stay up to date in their field in remote settings, through broad based and region-wide library networks and a variety of AHEC continuing education programming for physicians and other health care professionals.

The University's AHEC program also has a close working relationship with the University of Miami's Dade County AHEC program, and is currently working very closely with this institution toward the development of a state-wide AHEC program.

Rural Medicine Program

The College of Osteopathic Medicine has had since its inception the mission of training its students in Rural Medicine and improving medical care to rural communities.

A required rotation in rural medicine gives all SECOM students a basic insight into the special health care needs of the people living in underserved communities.

Several affiliated community health care centers distributed throughout southeast and central Florida participate in the program. Students in their third and fourth year of training, as well as General Practice residents, participate for a period of one to three months. This includes not only working at the clinics with hands-on patient involvement, but also living in the rural communities. This experience introduces students to aspects of rural practice and also gives them a feel for living in these areas. During their rotations, students work under the direct supervision of licensed physicians, including a faculty member who coordinates training.

The majority of these centers treat migrant farm workers and indigent patients from the rural communities.

Examples of these clinics include Collier Health Services in Immokalee; Florida Community Health Centers located at Clewiston, Okeechobee, Indiantown, and Fort Pierce; the Palm Beach County Health Department health care unit at Belle Glade; and the West Orange Farmworker Health Association clinic at Apopka.

The rural medicine training program provides a unique, enriching educational experience that cannot be taught in the classroom or by textbook. SECOM's administrative officers believe that exposure to rural practice will better prepare and motivate young physicians to practice in rural, underserved areas.

Combined Degree Program

Florida International University and the Southeastern College of Osteopathic Medicine established a teaching affiliation and combined degree program in late 1984. The FIU-SECOM affiliation allows candidates to complete training for B.S. and D.O. degrees in a 7-year period, saving students one year of time and tuition. Under the program, highly qualified and carefully selected pre-medical students at FIU will be guaranteed acceptance at SECOM after completing three years of prescribed training. Candidates must maintain a 3.25 grade point average and achieve acceptable scores on the Medical College Admission Test during the third year at FIU.

Upon completion of the first year of medical education at SECOM, students in the program will be awarded a B.S. degree from FIU. After four years of training at SECOM, students will receive the D.O. (Doctor of Osteopathy) degree. Only Florida residents can participate in the combined degree program.

Affiliated Hospitals

American Medical International Retreat
Sunrise
DME: David M. Masters, D.O.
Executive Director: Dee Goldberg

Broward General Hospital
Fort Lauderdale
Director Medical Staff Office:
Nancy Rodriguez
Chief Executive Officer: Richard Stull

Centurian Hospital of Carrollwood
Tampa
DME: Jeanne Nivens, B.S.
Administrator: Mary Reese

Charter Hospital of Miami
Miami
DME: Gary Fishman, D.O.
Administrator: Ken Fowler

Hollywood Pavillion
Hollywood
DME: Cathryn Liberson, Ph.D.
Administrator: Karen Kallen

Humana Hospital of Palm Beaches
West Palm Beach
DME: Marc Morganstine, D.O.
Executive Director: Neils P. Vernegaard

Humana Hospital of South Broward
Hollywood
DME: Marc Morganstine, D.O.
Executive Director: Zef Ross

Jackson Memorial Hospital
Miami
Acting Dir. Student Activities:
Kathleen Schank, M.D.
President, Public Health Trust: Ira C. Clark

Metropolitan General Hospital
Pinellas Park
DME: B.B. Slaughter, D.O.
Executive Director: Robert Davis

Miami Children's Hospital
Miami
DME: Charles Wharton, M.D.
Chief of Staff: Ramon Rodriguez-Torres, M.D.

Mount Sinai Medical Center
Miami Beach
DME: Federico Justiniani, M.D.
President/Chief Executive Officer: Fred Hirt

Orlando General Hospital
Orlando
DME: Glenn Bigsby, D.O.
President: Walter J. Wozniak, J.D., CPA

Parkway Regional Medical Center
North Miami Beach
Director of Emergency Services:
Jose Portuondo, M.D.
Executive Director: Kenneth Berg

Pembroke Pines General Hospital
Pembroke Pines
DME: John Agostinelli, D.O.
Executive Director: Ed Maas

Sacred Heart Hospital
Pensacola
Dir. Residency Program in OB/GYN:
B.L. Stalnaker, M.D.
Executive Vice President: James R. Hardman

Sun Coast Hospital
Largo
DME: James C. Eutzler, D.O.
Chief Executive Officer: Brent Marsteller

Universal Medical Center
Plantation
DME: Robert Sculthorpe, D.O.
Administrator for Operations:
Michael Marquez

University General Hospital
Seminole
DME: Plato E. Varidin, D.O.
Administrator: Frank Harris

Wellington Regional Medical Center
West Palm Beach
DME: Harold Kirsch, D.O.
Chief Executive Officer:
Arnold R. Schaffer

Westchester General Hospital
Miami
DME: Harris H. Mones, D.O.
Administrator: Sylvia Urlich

Student Organizations

Student Council

Student Council is the official voice for all students. The organization is open to all students and welcomes proposals and participation from the entire student body.

The responsibilities of Student Council include: collecting and expressing student opinion, dispensing funds for student activities, acting as a liaison for the student body, promoting osteopathic medicine, supporting club and class activities, and working to improve the quality of life for all students at SECOM.

The Student Council President is SECOM's representative on the Council of Student Council Presidents (CSCP). CSCP is an organization composed of student government presidents from each of the osteopathic medical schools.

Delta Omega (Psi Chapter)

Delta Omega, Psi Chapter, is a professional organization composed of female students of SECOM. The purpose and objective of the organization is to further the study of Osteopathic Medicine as a philosophy, a science and an art.

International Osteopathic Student Organization

The functions of this club are to assist the student in adapting to a new environment, to educate the student body on cultural differences and language barriers and to promote Osteopathic Medicine to the various cultures in our community and to those of the world at large.

Phi Sigma Gamma

Phi Sigma Gamma is a national professional fraternity for men. The Fraternity was originally founded in 1910 in Chicago and presently has chapters in most osteopathic medical colleges. The IOTA Chapter was chartered in March of 1986.

Sports Medicine Club

The object of this organization is to promote and advance the discipline of Sports Medicine and to instruct students who are interested in Sports Medicine and structural relationships to health and disease.

Student Association Auxiliary

The SAA was specifically organized for the spouses of the students at SECOM and is chartered by the Auxiliary to the American Osteopathic Association (AAOA). The primary objective of the SAA is to further the goals of the College and the osteopathic profession and to promote fellowship, good-will and unity within the school.

Student Osteopathic Medical Association

The Student Osteopathic Medical Association (SOMA) is one of the largest student groups on campus, representing over 90% of SECOM's student body.

Membership in SOMA brings many benefits including free subscriptions to *Student Doctor and Medical Student*, discount prices on diagnostic equipment, the Preceptorship Program, SOMA Scholarships, life insurance programs and more.

The Undergraduate American Academy of Osteopathy

The Undergraduate American Academy of Osteopathy (UAAO) is a professional organization dedicated to serving osteopathic medical students. It is SECOM's extension of the American Academy of Osteopathy, a national association established in 1937. The Academy maintains the goal of developing the science and art of total health care, with an emphasis on palpatory diagnosis and the use of osteopathic manipulative treatment.

The UAAO involves students in many activities and offers numerous benefits. Members receive a 30% discount on certain textbooks, and may buy treatment tables at reduced rates. They also sponsor well-known speakers from all over the country. Membership in UAAO also allows students to receive the AAO publications and to attend the Annual Convocation, both at reduced prices.

Undergraduate Chapter of American College of General Practitioners in Osteopathic Medicine and Surgery

The Undergraduate Chapter of the ACGP has been organized for all students in the College.

The organization works toward the preservation of the concept of General Practice and the continued existence of the role of the General Practitioner in the total picture of osteopathic medical services in the community. The chapter recognizes the fact that the General Practitioner is the backbone of modern medical practice.

Undergraduate Chapter, American College of Osteopathic Pediatricians

This organization is open to all students interested in osteopathic pediatrics. Seminars and educational programs will be presented.



COLLEGE OF OSTEOPATHIC MEDICINE

Class of 1989

Leonardo Lazaro Alonso, Miami Beach

B.S. - University of Miami
A.A. - Polk Community College
B.S. - University of South Florida

Majdi Cleve Ashchi, Temple Terrace

A.A. - Polk Community College
B.S. - University of South Florida

Kimberly Rae Bennett, Miami Beach

B.S. - Pennsylvania State University

Curtis Bernard Boehmer, Miami

B.S. - University of Florida

Dana Geoffrey Borgeson, Gainesville

B.S. - University of Florida

Gregory Alan Bronner, Hudson

A.A. - Pasco-Hernando Community College
B.S. - University of South Florida

Richard Derek Brugman, Ft. Lauderdale

B.A. - Holy Cross College

Maureen Theresa Campbell, Coral Springs

A.A. - Broward Community College
A.S. - Broward Community College
B.A. - University of South Florida
B.S. - University of South Florida

Maria Christina Catalano, Tampa

B.S. - University of South Florida
B.A. - University of South Florida

Charles Joseph Chase, Pinellas Park

A.A. - St. Petersburg Jr. College
B.A. - University of Florida

Michael Anthony Chita, Blackstone, MA

B.A. - Assumption College

Charles Harris Chodorow, North Miami Beach

B.S. - University of Florida

Gary H. Cohen, Plantation

B.A. - Rutgers College

Rosendo Ignacio Collazo, Miami

B.S. - University of Miami

John Frank Conforti, Port St. Lucie

B.A. - Brooklyn College

David Alan Croland, Coral Springs

B.S. - University of Florida

Michael Eugene Crowe, Miami

B.S. - Ohio University

Bernard Edward Currigan, San Francisco,

B.S. - University of California

Christopher Jackson Davis, Ft. Myers

B.S. - Penn State University

Lisa Jane De Witt, Bradenton Beach

B.S. - Florida State University
B.S. - University of Florida

John Eric Drake, Pensacola

B.S. - State University New York

Cynthia Louise Egan, North Miami Beach

A.A. - Miami Dade Community College
B.S. - Florida International University

Ahmad Esmailbegui, Miami

A.A. - Miami Dade Community College
B.S. - Florida International University

Eileen Ford Farwick, North Palm Beach

B.S. - Florida Atlantic University

Stuart David Feldman, Davie

B.S. - University of South Florida

James Patrick Floyd, Lakeland

B.S. - Florida Southern College

Randall David Gehle, Lake Worth

B.S. - University of Florida

Brad Peter Glick, North Palm Beach
B.A. - Emory University

Todd Michael Goldberg, Plantation
B.S. - Tulane University

Anthony Charles Granell, Dade City
A.A. - St. Petersburg Jr. College
B.A. - University of Florida
M.A. - University of South Florida
Ph.D. - International College

Irving Israel Haber, North Miami Beach
B.A. - University of Miami

Wayne Edward Hachey, Boynton Beach
B.A. - Fitchburg State
B.S.N. - Boston College
M.S. - University of Wisconsin

John Nicolas Harker, Miramar
B.S. - University of South Florida

William Al Hayes, Miami
B.S.M.T.-
Florida Atlantic University

Kelly Jane Hensgen, Port Charlotte
B.A. - University of South Florida

Richard Gary Herman, Miami
B.S. - University of Florida

Jose Norberto Hernandez, Miami
A.A. - Miami-Dade Community College
B.S. - Florida International University

Alex Ray Johnson, Henderson, TN
B.S. - University of Tennessee at Martin

Barry Michael Karpel, Parsippany, NJ
B.A. - Emory University

Rubin Kesner, Douglaston, NY
B.A. - S.U.N.Y. at Binghamton

Leo Kratz, Virginia Beach, VA
B.A. - Old Dominion University

Mark Allen Kucker, Miami
B.S. - University of Wisconsin

Jill Suzanne Liebman, Miami Beach
B.S. - Union College

Teresa Diroan Livingston, Middleburg
A.S.N. - Troy State University
B.S.N. - University of Florida

John Patrick McDermott, Valley Cottage, NY
B.S. - National College of Chiropractic
D.C. - National College of Chiropractic

Michael Patrick McGoohan, Tampa
B.S. - University of South Florida

Daniel E. McGrath, Ft. Lauderdale
B.S. - Florida State University

Stephen Leo McKernan, Portland, OR.
B.S. - St. John's University

Julian Mark Maressa, Atco, NJ
B.A. - Glassboro State College

Paul Kenneth Michaels, Orlando
B.S. - Stetson University

Patrician Jeanne Moore, Pensacola
A.A. - Pensacola Junior College
B.S. - University of West Florida

Jon Richard Moritz, Belleair Beach
B.S. - St. Andrews Presbyterian College

Michele Garrett Morrow, Surfside
B.S. - Barry University

Michael Daren Mudrey, Clark, PA
B.S. - St. Vincent College

John Gregory Nelly, Plantation
B.S. - Florida State University

Hue Thi Ngoc Nguyen, Boca Raton
B.A. - Florida Atlantic University

Iran Niroomand-Rad, Chicago, IL
B.S. - Michigan State University

Karen A. Oldano, New Albany, MS
B.S. - Mississippi State University

Jilleen Marie Pannozzo, Margate
B.A. - University of Miami

Leslie Parsons, Jacksonville
B.A. - University of Florida

Joseph Paulding, Tampa
B.S. - University of South Florida

Earle Milton Pescatore, Jr., Davie
B.A. - William Penn College

Sergio Pineiro, Hialeah
B.S. - University of Miami

Jeffrey Glenn Pirofsky, Davie
B.S. - Mercer Southern College of
Pharmacy

Joseph Edwin Polverino, Edgewater
B.S. - University of Florida

Christopher Joseph Portante, Amherst, NY
B.S. - Canisius College

Scott Eric Raub, Northridge, CA
B.S. - U.C.L.A.

Clyde A. Reese, Jacksonville
B.S. - Jacksonville University

Ricardo Requena, Miami
B.S. - University of Miami
B.A. - University of Miami

Saul Francis Rigau, Miami
A.A. - Miami-Dade Community College
B.A. - University of South Florida
B.S. - University of South Florida

Steven Hector Rivera, Tampa
B.S. - University of South Florida

Frederick McArthur Robinson, Richmond,
VA
B.S. - Hampden-Sydney

Ruth Margarita Rodriguez, Miami
A.A. - Miami-Dade Community College
B.S. - University of Miami

Robert Joel Romisher, Philadelphia, PA
B.S. - Penn State University

Susan Beth Sager, North Miami Beach
B.S. - Barry University

Pedro Alejandro Sanchez, Miami
B.S. - Florida International University

Nicholas Joseph Sanito, Lynbrook, NY
B.S. - Adelphi University

John Anthony Saurino, Boca Raton
B.A. - Florida Atlantic University

Edward Paul Secunda, Ormond Beach
B.S. - Florida State University

Craig Steven Shapiro, Hollywood
B.S. - University of Florida

Ashok Kumar Sinha, Carrollton, GA
B.S. - University of Georgia

JoAnne Marie Smith, DeRidder, LA
B.S. - McNeese State University

Bruce Samuel Solomon, Cooper City
B.S. - Daemen College

William Harry Stager, Highland Park, NJ
A.A. - Rutgers University
M.S. - Rutgers University

Matthew Clark Tinney, Orlando
A.A. - Valencia Community College
B.S. - University of South Florida

Maureen Dianne Dalton Tinney, Gladwyne,
PA
B.S. - Boston College

Ronald Barton Tolchin, Radnor, PA
B.S. - Villanova University

Julia Ann Yanoviak Toledo, Coral Springs, FL
B.A. - Muhlenberg College

Jorge Miguel Toledo, Ft. Lauderdale
B.A. - University of South Florida
B.S. - University of South Florida

Julia Ann Yanoviak Toledo, Coral Springs
B.A. - Muhlenberg College

Susan Toth, Temple Terrace
B.S. - University of South Florida

Robert John Trenchel, Lauderhill
B.A. - Florida Atlantic University

William Earl Trent, Tallahassee
B.A. - Polk Community College
B.S. - Florida State University

Luis Rossell Vela, Ft. Lauderdale
B.A. - Wake Forest University

John Herbert Windsor, Orlando
B.A. - University of Central Florida

Ellen Lee Woelfel, Stuart
B.S. - Hampshire College

Scott David Yagger, Bradenton
B.S. - Emory University

Stephen Harold Yandel, Tallahassee
B.A. - John Hopkins University

James Anthony Zaccari, Seffner
B.S. - University of South Florida

Craig Lawrence Ziering, Wilmington, DE
B.A. - Franklin & Marshall College

Class of 1990

Charles Victor Abler, Ironton, OH
B.S. - University of Cincinnati

Robert Victor Anderson, Fort Pierce
A.A. - Indian River Community College
A.S. - Indian River Community College
B.S. - Florida Southern College

Glenn David Babus, Gainesville
B.S. - University of Florida

Mary Ellen Baier, Largo
B.S. - University of South Florida

Thomas Franklin Beaman, Marietta, GA
B.S. - Mercer University
B.S. - Mercer Southern School of
Pharmacy

Gilbert D. Beauperthuy, Miami
B.S. - University of Miami

John Edward Bell-Hasbun, Miami
B.A. - St. Thomas University

Corinne Benchimol, North Miami Beach
B.S. - Florida International University

Steven Richard Bergman, Atlanta, GA
B.S. - University of Georgia

Michele J. Bratt, Nesconset, NY
B.S. - State University of New York

Victor Montgomery Brown, West Palm
Beach
B.S. - Centre College of Kentucky
D.P.M. - Illinois College of Podiatric
Medicine

Dana Beth Chaykin, North Miami Beach
B.A. - University of Vermont

Gabriel Enrique Cortes, Lighthouse Point
B.S. - Florida Atlantic University

Richard Allen Cottrell, St. Petersburg
A.A. - St. Petersburg Jr. College
B.A. - University of South Florida

David Emery Cox, Venice
B.A. - University of Florida

Ronald Paul Cramer, Sanibel
B.S. - Eckerd College

Anthony Nicholas Dardano, Jr., Utica, NY
B.S. - Le Moyne College

Hector Manuel Delgado, Miami
A.A. - Miami-Dade Community College
B.S. - Florida International University

Maria Antonella Denaro, Jacksonville Beach

A.A. - Harcum Jr. College

B.A. - Villanova University

Mark Allen Denner, Brooksville

A.A. - Santa Fe Community College

A.S. - Santa Fe Community College

B.S. - University of Florida

David Alan Derbabian, Troy, MI

B.S. - Michigan State University

Lisa Michele Ducker, Levittown, PA

B.S. - Rider College

Wendel J. Ellis, St. Petersburg

A.A. - Central College

B.A. - Greenville College

Troy Thomas Fallon, Santa Cruz, CA

B.A. - University of California

Judith Fitzgerald-Swain, Lutz

A.A. - St. Petersburg Jr. College

B.S. - University of South Florida

Basilio Garcia-Sellek, Miami

A.A. - Miami-Dade Community College

B.S. - University of Miami

Richard Dennis Glisson, Jacksonville

B.S. - University of Florida

Jeffrey Jay Glover, Miami

B.S. - University of South Florida

Clifton Lee Goodson, Cross City

A.A. - Lake City Community College

B.S. - Florida State University

Douglas Lee Gotlin, Plantation

B.S. - University of Florida

John Justin Green, Miami

B.S. - Georgia Tech.

Ronny Rob Greenberg, Hollywood

B.S. - University of Florida

Jeffrey Scott Grove, Largo

B.S. - Florida Southern College

Heidi Pearl Handman, Hollywood

B.S. - University of Florida

Iftikhar Tazal Haq, Miami

B.S. - Florida International University

Bethany Margaret Harris, Oldsmar

B.A. - University of South Florida

Brian Stanton Hedrick, Tampa

B.A. - University of South Florida

B.S. - University of South Florida

Sharon Yvonne Hook, Tampa

B.A. - University of South Florida

Michael Steven Jackowitz, Maitland

B.A. - Emory College

Vahid Javaherian, North Miami

B.S. - Florida International University

Brett Edward Jeffrey, Tallahassee

B.S. - Florida State University

Richard Jess Kanoff, Hollywood

B.S. - University of Miami

Roland D. Kaplan, Miami Beach

B.S. - University of Miami

Mi Ye Kim, Ellicott City, MD

B.A. - University of Maryland

Laura Therese Kimbro, Tallahassee

A.A. - Tallahassee Community College

B.S. - Florida State University

David Lee McAtee, Hollywood

B.S. - University of Maine

Daniel McBath, Dade City

B.S. - St. Leo College

Michael Joseph MacDonald, Melbourne

B.S.A. - Brevard Community College

B.S. - Florida State University

Stephen Hugh MacDonald, Melbourne

A.A. - Brevard Community College

B.S. - Florida State University

Diane Hermonie Mainwold, Miami

B.S. - University of Miami

Henryk Tadeusz Malczak, Cooper City

B.S. - University of Western Ontario

M.S. - University of Western Ontario

Ph.D. - Queen's University

Vincent Joseph Mamone, West Palm Beach

B.S. - Suffolk University

Domenic Lucio Mariano, North Miami Beach

B.A. - Yale University

Gladys Rosa Martinez, Miami

A.A. - Miami-Dade Community College

B.S. - University of Miami

Peter Andrea Martinez, Miami

B.S. - University of Miami

Stanley Michael Mikowski, Savannah, GA

B.S. - Armstrong State

D.M.D. - Medical College of Georgia

Bruce Harrison Miller, North Miami Beach

B.A. - Vanderbilt University

David Ronald Miller, Tampa

B.S. - Stetson University

Robert Joel Nisenbaum, Plantation, Florida

A.A. - Emory University

B.A. - Emory University

Samuel J. Orr, Greenville, PA

B.A. - Theil College

J.D. - University of Pittsburgh

Jorge Luis Perez, Miami

A.A. - Miami-Dade Community College

B.A. - Florida International University

Diane Leigh Pugh, De Funiak Springs

B.A. - University of Florida

Naveen Raja, Ann Arbor, MI

B.S. - Eastern Michigan University

Antonio Juan Ramirez, Kissimmee

A.A. - Valencia Community College

B.S. - University of the State of New York

Ronald Joseph Renuart, Gainesville

A.A. - University of Florida

B.S. - University of Florida

Steven Allen Resnick, Miami

A.A. - Miami-Dade Community College

B.A. - University of Miami

Hector Manuel Rodriguez, Miami

A.A. - Miami-Dade Community College

B.S. - Florida International University

Gary Nelson Rosenberg, Boca Raton

B.A. - Rutgers University

Steven Barry Sager, Margate

B.A. - University of Miami

Robert Anthony Sammartino, Camden, NJ

B.S. - St. Joseph University

Debra Ann Santasiero, Melbourne

B.S. - Florida Institute of Technology

M.S. - Florida Institute of Technology

Lawrence Alan Schwartz, Cherry Hill, NJ

B.A. - Rutgers University

Michael Edward Schwartz, Coral Gables

B.A. - University of Miami

Stuart Lee Shalit, Delray Beach

B.A. - Emory University

Robin Leslie Shore, Fair Lawn, NJ

B.S. - Fairleigh Dickenson University

June D. Smith-Chapin, Temple Terrace

B.S. - University of South Carolina

Todd Daniel Stalnaker, Pensacola

B.S. - University of Western Florida

Brian John Stanford, East Brunswick, NJ

B.A. - Rutgers University

John Howard Stanton, Peterman, AL

B.S. - Troy State University

M.S. - University of Alabama

Donald J. Straub, Largo

B.S. - University of Miami

John Nolan Sweeney, Tamarac
B.A. - Western Maryland College

Scott Alan Sweeney, Miami
B.A. - University of Miami

Gregg Matthew Szerlip, Monroe, NY
B.S. - Fairleigh Dickenson University

John Herkimer Talarico, New York, NY
B.S. - Utica College
B.M. - Ithica College

Douglas Edward Terzigni, North Miami Beach
B.S. - Florida State University

Brett Philip Thomas, Sarasota
B.S. - University of Florida

David William Thomas, East Lansing, MI
B.S. - Michigan State University

David Harden Todd, East Lansing, MI
B.S. - Michigan State University

Maria Josefa Villa, Miami
B.S. - Barry University

Peter Andrew Vitulli, Jr., Margate
B.S. - Loyola University

Peter Steven Watchtel, Boca Raton
B.S. - University of Tampa

David Randall Willis, Tallahassee
B.S. - Florida State University

Class of 1991

Ronald Angles, Cape Coral
B.A. - Olivet Nazarene College

Tarek T. Arja, Tampa
B.A. - University of South Florida
B.S. - University of South Florida

Kendall Babcock, Coral Springs
B.S. - University of Southern Florida

Richard Bennett, Miami Beach
B.A. - Vanderbilt University

Carl Best, Gainesville
B.S. - Eckerd College

John Bickle, Lauderhill
B.S. - University of Dayton

Barry Blumenthal, North Miami
B.S. - Touro College

Stephen Brady, Fort Myers Beach
B.A. - University of New Orleans

Juanita Brown, Winter Park
A.S. - Vermont College
B.S. - Florida Southern

Gustavo Cadivid, Surfside
B.A. - University Del Valle
B.A. - Florida International University
B.S. - University of Miami

Steven Cohen, Miami
B.S. - University of Florida

Stephen Cosentino, Treasure Island
B.A. - University of South Florida
B.S. - University of South Florida

Linda Couillard-Young, Treasure Island
B.A. - University of South Florida
B.S. - University of South Florida

Tyler Crickett, Savannah, GA
B.S. - Florida Institute of Technology

Burke DeLange, Pocatello, ID
B.S. - Idaho State University

Vincent DiLella, Fort Lauderdale
B.S. - University of South Florida

Scott Dinesen, Levittown, PA
B.S. - University of Southern Colorado
M.S. - Rutgers University

Michael John Dobransky, Bloomfield, NJ
B.S. - Seton Hall University

David Dorton, New Port Richey
B.S. - University of South Florida

Stephen Dyke, Pembroke Pines
A.A. - Brevard Community College
B.S. - Florida Institute of Technology

David Elliott, Long Beach, MS
B.A. - University of Mississippi

Paul Elliott, Long Beach, MS
B.A. - University of Mississippi

Kimberly Ellis, Key West
B.S. - Florida International University
R.N. - Norfolk School of Nursing

Jeffrey Ender, Coral Springs
B.S. - Florida State University

Scott Epstein, Philadelphia, PA
B.S. - University of Maryland

Ann Mary Fernandez, Miami
A.A. - Miami-Dade Community College
B.S. - University of Miami

Allen Fisher, Hollywood
B.S. - S.U.N.Y. at Binghamton

Mark Friedman, Willingboro, NJ
B.A. - American University

Eden Fromberg, Great Neck, NY
B.A. - Oberlin College

Janet Dolores Garcia, Oakland Park
B.S. - Oakland State University

William Gerson, North Miami
B.S. - University of Florida

Timothy Grant, Towson, MD
B.S. - Oral Roberts University

Ramon Guevara, Miami
B.S. - University of Miami

Richard David Guinand, Homestead
B.S. - Florida International University

Jamal Haddad, Tampa
B.S. - University of South Florida

Margaret Hayden, North Miami Beach
B.A. - Indiana State University
M.A. - Indiana State University

Marc Herschelman, Bloomfield Hills, MI
B.S. - University of Michigan

James Hoyne, Margate
B.S. - University of Florida

Earnest Cole Hudson, Tampa
A.A. - St. Petersburg Junior College
B.A. - University of South Florida

Deborah Humphrey, Tampa
A.A. - University of South Florida
B.A. - University of South Florida
B.S. - University of South Florida

Donna Jacobsen, Miami
B.A. - Barry University

Kenneth Johnson, Parker
B.S. - Florida State University

Andrew Kahn, Fort Lauderdale
B.S. - University of South Florida

Scott Kazdan, Rosedale, NY
B.S. - Tulane University

Robert Klein, Fort Lauderdale
B.S. - S.U.N.Y. at Stony Brook

Scott Klein, West Palm Beach
B.S. - University of South Florida

James Donald Kniseman, Lauderdale Lakes
A.S. - Broward Community College
B.S. - University of Miami

Carolyn Kubiak, Miami
B.S. - University of Miami

Thomas Kunelis, Fullerton, CA
B.A. - University of Southern California

David Lang, Longwood
B.S. - University of Florida

Bruce Latham, Blacksburg, VA
B.S. - Brigham Young University
M.P.A. - Brigham Young University

Gail Anne Latlief, Laurel, MD
B.S. - University of Maryland

Mary Anne McNamara, Pompano Beach
B.A. - Canisius College
M. Ed. - S.U.N.Y. at Buffalo

Joseph Mavica, Pompano Beach
B.A. - Rutgers University
M.S. - Nova University

Dareld Ray Morris, II, Fort Myers
B.S. - Southwest Texas State Univ.

Ralph Mazingo, San Diego, CA
B.A. - U.C.L.A.

Shoib Myint, Tampa
B.S. - Stetson University

Alice Nadel, Boca Raton
B.A. - Florida Atlantic University

Kerry Nagel, Plantation
A.A. - Miami-Dade Community College
B.A. - Florida International University

Richard Nelson, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Florida Atlantic University

Jeffrey Newfield, Ormond Beach
A.A. - Daytona Beach Community College
B.A. - Florida Atlantic University
B.S. - Florida Atlantic University

Warren Nishimoto, Aiea, HI
B.A. - University of Hawaii

Lidia Oliveira, Tampa
A.A. - Miami-Dade Community College
B.S. - University of South Florida

Norvin Ona, Tampa
A.A. - Hillsborough Community College
A.S. - Hillsborough Community College
B.S. - University of South Florida

Todd Parrilla, Watch Hill, RI
B.A. - University of Vermont

Suresh Paulus, Miami
B.S. - University of Illinois/Chicago

Robert Pepper, Plantation
B.S. - University of South Florida

Jeffrey Riggs, Nashville, TN
B.S. - Free Will Baptist College

James Roa, Tampa
B.S. - University of South Florida

Michael Robinson, Luka, MS
A.A. - Northeast Mississippi Junior College
B.A. - University of Mississippi

Hector Rodriguez, St. Petersburg
B.S. - University of South Florida

Glenn Scott Saperstein, W. Bloomfield, MI
B.A. - University of Michigan

Arlene Schlumbohm, Orange Park
B.S. - Grove City College

John Shih, Sarasota
B.A. - College of William & Mary

David Silver, Miami Beach
B.A. - Brandeis University

Douglas Smith, Gainesville
B.S. - University of Florida

Kenneth Smith, Panama City
A.A. - Gulf Coast Community College
B.S. - Florida State University

Emily Solow, North Miami
B.S. - S.U.N.Y. at Stony Brook

Joseph Stasio, Stuart
A.A. - S.U.N.Y. at Farmingdale
B.A. - S.U.N.Y. at Farmingdale
B.S. - Emory University

Beverly Stern, Plantation

A.A. - University of Florida
 B.S.N. - Florida State University

Robert Stuckert, Zephyrhills

B.S. - University of South Florida

Ronald Swanson, St. James City

B.S. - University of Chicago

David Telford, Fort Myers

B.S. - University of South Florida

Robert Thompson, Sarasota

B.A. - New College-University of South Florida

Peter Tomasello, Fort Lauderdale

B.A. - University of South Florida

Elvis Torres, Hialeah

B.S. - University of Miami

Robert Townsend, Gobles, MI

B.S. - Michigan State University

Tomas Villanueva, Miami

B.A. - Biscayne College

Paul Weinman, Ft. Myers

B.A. - The College of Wooster
 M.S. - Nova University

Elizabeth Weintraub, Miami

A.A. - Miami-Dade Community College
 B.S. - Florida State University
 J.D. - Nova University

James Whipple, Charlotte, NC

B.S. - University of North Carolina

Dale Wickstrom-Hill, Winter Haven

A.A. - Polk Community College
 A.S. - Polk Community College
 A.S. - Valencia Community College
 B.S. - University of South Florida

Richard Wolonick, Deland

B.S. - Florida State University

Loretta Wubbel, Gainesville

A.A. - Santa Fe Community College
 B.S. - Florida State University

Susan Yahia, North Miami Beach

B.A. - Biscayne College

Martin Yungman, Brooksville

B.S. - University of Florida

Stanley Zimmelman, North Miami Beach

B.A. - Temple University
 M.S. - University of Louisville

Class of 1992

Bret Thomas Ackermann, Baton Rouge, La.

B.S. - Louisiana State University

Dean Barry Adelman, Miramar

A.A. - Broward Community College
 B.A. - University of Miami

David Lee Adler, Baltimore, MD

B.S. - University of Maryland
 M.S. - Towson State University

Eric Lewis Albourek, Ft. Lauderdale

A.S. - Sullivan City Community College
 B.A. - Florida Atlantic University

Richard Appleby, III, New Castle, DE

B.S. - University of Dayton
 B.S. - University of Delaware

Barbara Arcos, Miami

B.S. - University of Florida

Camille Z. Bentley, Fredericksburg, VA

B.S. - Wagner College
 M.S. - George Mason University

Daniel Ron Berger, Miami Beach

A.A. - Broward Community College
 B.A. - Florida State University

Bernard Manuel Bettencourt, Orlando
B.S. - University of Central Florida

Franklin Paul Bizousky, Miami Beach
B.A. - University of Virginia

Vincent James Bonelli, Ft. Lauderdale
B.S. - University of Florida

Frank Anthony Bonifacio, North Miami Beach
B.A. - Long Island University/C.W. Post

David Glenn Booth, Tupelo, MS
B.S. - University of Mississippi

Janet Eileen Bradshaw, Lawrence, KS
A.S. - Northern Virginia Community College
B.A. - University of Kansas

Kenneth Elliot Bresky, Light House Point
A.A. - University of Florida
B.A. - University of Florida

Rogelio A. Brito, Coral Gables
B.A. - University of Miami

Arthur G. Calise, Miami Lakes
B.A. - Biscayne College

Nicholas Capone, Jr., Lutz
B.A. - Vanderbilt University

Kenneth Chan, Carson, CA
B.A. - California State University

Glenn M. Charles, Boynton Beach
B.S. - Michigan State University

Patrice Marye Churchill, Vanderburgh, IN
B.A. - Harvard University
M.S. - Indiana State University

Juan Guillermo Coquelet, New Port Richey
B.S. - University of South Florida

Troy Louis Creamean, Livingston, IL
B.S. - University of the State of New York

Gaston Dana, Denver, CO
B.A. - University of Colorado/Denver

Jean Raymond Dauphin, Ft. Myers
B.S. - University of Maryland

Alan Steven David, Hallandale
B.A. - St. John's University

Jacque Holley Dawson, Temple Terrace
B.S. - University of South Florida
B.A. - University of South Florida

Pasquale Dell'Api, Ft. Lauderdale
B.A. - Florida Atlantic University
B.S. - Florida Atlantic University

Tony Diaz, North Miami Beach
B.S. - University of Miami

Adriano Digiamberardino, Hollywood
A.A. - Broward Community College
B.S. - Florida Atlantic University

Mary Michele Dossett, Homosassa
B.S. - Rider College

Suzann Marie Friend, Boca Raton
A.A. - Palm Beach Junior College
B.A. - Florida Atlantic University

Mark Calverley Gibbons, Hampton, VA
B.A. - University of Virginia

David V. Glorious, Ocala
A.A. - Central Florida Community College
A.S. - Central Florida Community College
B.S. - Florida State University

John Hamish Gordon, Ft. Myers
A.A. - Edison Community College
B.A. - University of South Florida
B.S. - University of South Florida

Robert Alan Green, Hallandale
B.A. - University of Miami

Armando Luis Hassum, Hialeah
B.S. - University of Miami

Leo Michael Hayes, Miami
A.A. - Broward Community College
B.S. - University of South Florida

Ana M. Hernandez, Miami
B.S. - University of Miami

John Henry Hill, Ft. Lauderdale
B.A. - Bethune Cookman College

Richard Allen Hill, Gainesville
A.A. - Indian River Community College
B.S. - University of Florida

William Robert Hodorski, Wilton Manors
A.S. - Broward Community College
B.A. - Florida Atlantic University

Kimberly Jean Humulock, Camp Springs,
MD
B.S. - University of Maryland

Julie Bek Katz, West Newton, MA
B.S. - University of Massachusetts/
Amherst Campus

Michael Andrew Kellams, Bloomington, IN
B.S. - University of Indiana

Karen Theresa Kennedy, Seminole
B.S. - Eckerd College

Donald Scott Krieff, North Miami Beach
B.S. - Florida International University

Yves Laventure, Miami
A.S. - New York City Tech
B.A. - Brooklyn College

Hyejin Robin Lee, Flushing, NY
B.S. - S.U.N.Y. @ Binghamton

Tracie Jean Leonhardt, Clearwater Beach
B.A. - Columbia College

J.D. Littleton, Brookhaven, MS
B.S. - Jackson State University

Albert Arthur Lopez, Jr., Key Biscayne
B.S. - George Washington University

Richard Owens Loyd, Jackson, MS
B.S. - State University of Mississippi
M.S. - University of Mississippi Medical
Center

Mary Patricia Lynch, Charlottesville, VA
B.A. - University of Virginia

Nicholas Thomas Mansuetta, Miami
B.S. - University of Miami

Vincent J. Marino, Boca Raton
B.S. - University of Kentucky

Brian William Marshall, Independence, OH
B.A. - College of Wooster

Marion Joyce Mayer, Largo
B.S. - University of South Florida

Gary Joseph Merlino, North Miami Beach
A.A. - Miami-Dade Community College
B.A. - University of South Florida

James Randolph Milne, Sand Key
B.S. - University of South Florida

Jeffrey Scott Mimbs, Gainesville, GA
B.S. - University of Georgia

Brian Carl Moraes, Boca Raton
B.A. - University of South Florida

Joy Louise Moritz, Clearwater
A.S. - St. Petersburg Junior College
B.S. - University of South Florida

Laila Mozdab, Plantation
B.S. - University of South Florida
M.S. - University of South Florida

Terry Leroy Nagel, Lombard, IL
B.S. - National College of Chiropractic/
Illinois
D.C. - National College of Chiropractic/
Illinois

Kevin Brett Newfield, Ormond Beach
A.A. - University of Florida
B.A. - Florida Atlantic University
B.S. - Florida Atlantic University

Janet Novas de Matos, Bronx, NY
B.A. - Mount Holyoke College

William Joseph O'Brien, Philadelphia, PA
B.A. - La Salle College

Richard G. Olarsch, Neponsit, NY
B.A. - S.U.N.Y.

Nelson Onaro, Houston TX
B.S. - Southern University
M.S. - Texas Southern University

Laura Beth Ottaviani, Belleair
B.A. - Rollins College

Sheryl Beth Pearlman, Rochester, NY
B.A. - University of Pennsylvania
M.S. - Georgetown University

Randolph Bruce Peddicord, Tampa
B.S. - University of South Florida

Matthew David Pegher, Pittsburgh, PA
B.S. - University of Pittsburgh

Brian Steven Portnoy, Gainesville
B.S. - University of Florida

Francine Rainone, Somerville, MA
B.A. - Bryn Mawr College
Ph.D. - Georgetown University

Ravinder Singh Randhawa, Miami
B.S. - University of South Florida

Robert Dean Rasmussen, South Euclid, OH
B.A. - University of Miami/Oxford

David Nelson Ratcliffe, Richmond, VA
B.S. - Virginia Commonwealth University
M.S. - University of North Carolina

Charles Robert Readdy, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Florida Atlantic University

Jeffrey Alan Rich, Gainesville
B.S. - University of Florida

Mark Rosing, Atlanta, GA
B.S. - University of South Florida

Jacqueline Frannie Royce, North Miami Beach
B.S. - Florida International University

Elizabeth Carol Sanders, Miami
B.S. - University of Miami

Patrick Sayavong, Ft. Smith, AR
B.S. - University of Arkansas

Robert Ford Searles, Indian Harbour Beach
B.S. - Washington and Lee University

Hadi Assad Shalhoub, West Palm Beach
B.S. - Florida Atlantic University

Steven Silberfarb, North Miami
B.A. - S.U.N.Y.
M.S. - Georgetown University

John Lawrence Simons, Boca Raton
B.S. - University of Florida
B.A. - University of Florida
M.B.A. - Amber University

Rita Tompkins Sivils, Lutz
B.S. - University of South Florida

Kirby Odis Smith, Tampa
B.S. - University of South Florida

Brian Lawrence Sontag, Plantation
B.S. - University of Miami

Ronald Allan Stillerman, Daytona Beach
B.S. - University of Florida
B.S. - Duke University

Michael Wilson Swearingen, DeKalb, MS
A.A. - Eastern Mississippi Junior College
B.S. - Mississippi State University

David Tan, Long Island City, NY
B.A. - Hunter College

Richard Randall Thacker, Gainesville
A.A. - St. John's River Community College
B.S. - University of Florida

Heidi Veronica Torocsik, Palm Harbor
B.A. - Emory University

Carolyn Theresa Torrillo, Coral Springs
A.A. - Broward Community College
B.S. - Florida Atlantic University

Robert Harold Walker, Rock Hill, SC
B.S. - Presbyterian College

Robert Walter Warren, Jr., Gardena, CA
B.A. - Lehman College/SUNY

Wendy Weiss, Tampa
B.A. - University of South Florida

Debbie Ruth Wilkes, Boca Raton
A.A. - Ocean Community College
B.A. - Florida Atlantic University

Gregory Alan Williams, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Palm Beach Atlantic College

Rosanna Esther Winchester, North Miami
A.A. - Miami-Dade Community College
B.S. - University of South Florida
M.P.H. - Florida International University

Michael Dean Wolfington, Tampa
B.S. - University of South Florida

Yvonne Denise Zabaia, Tampa
B.S. - University of South Florida

Class of 1993

Ghad Anthony Aboud, Tampa
B.S. - University of South Florida

Richard L. Adams, Gainesville
A.A. - Sante Fe Community College
B.S. - University of Florida

Jeffrey William Allman, Shalimar
B.S. - Auburn University, Main Campus

Paul Alexander Armstrong, Memphis, TN
B.S. - Memphis State University

Karin Arnold, Miami
B.S. - Barry University

Abraham Issa Awwad, Hialeah
A.A. - Miami Dade Community College
B.S. - Florida International University
B.A. - Florida International University

Anais Aurora Badia, Miramar
B.S. - University of Miami

Desiree Patrice Bass, Opa Locka
B.S. - Clark College

Douglas Ira Bienstock, Woodmere, NY
B.S. - New York Institute of Technology

Behnam Birgani, Hialeah
B.A. - Union for Experimenting Colleges and Universities

William Martin Bracken, Meridian
B.S. - University of Mississippi

James Michael Brown, Miami Springs
A.A. - Miami-Dade Community College
B.S. - Florida International University

Karl Edward Buechsenschuetz, Bedford, NH
B.S. - University of New Hampshire

Regan R. Burke, Orlando
A.A. - Valencia Community College
B.A. - University of Central Florida
B.S. - University of Central Florida

Elizabeth Ann Burkett, West Palm Beach
B.S. - Palm Beach Atlantic College

Pablo Jose Calzada, Miami
B.S. - Montclair State College

Jennifer Anne Cascamo, Toms River, NJ
B.S. - Georgian Court College

John Albert Castiello, Coral Gables
B.S. - Florida State University

Shawn Kristian Centers, Middletown, NY
B.S. - Georgetown College

Andrew James Cohen, Hollywood
B.A. - University of Miami
M.P.H. - John Hopkins University

Peter Mark Cohen, North Miami Beach
A.A. - Miami Dade Community College
B.A. - University of South Florida

Robert Darrel Collins, Fitzgerald, GA
B.S. - Georgia Southwestern College

Luis Vicente Concepcion, Miami
A.A. - Miami-Dade Community College
B.S. - Florida International University

David Sarrat Cressy, Jr., Tallahassee
B.S. - Florida State University

Bret Cameron Crumpton, Miami
B.A. - University of Miami

Robert John Danbert, North Miami
A.A. - South West Oregon Community College
B.S. - Logan College of Chiropractic
D.C. - Logan College of Chiropractic

Lorraine Margaret Donohue, St. Augustine
B.S. - University of North Florida
A.S. - Williamsport Community College

David Michael Easton, Pembroke Pines
B.A. - Azarabadegan University, Iran
M.S. - Nova University
Ph.D. - Nova University

Robert Anthony Edwards, Tampa
B.S. - University of South Florida

Dale Evan Fahie, Brooklyn, NY
B.S. - Medgar Evers College

Ned W. Farber, Hudson
A.A. - St. Petersburg Junior College
B.S. - University of South Florida

William Stephen Fitterman, Miami
A.A. - Miami Dade Community College
B.A. - Barry University

Gregory Barat Fox, Miami
A.A. - Miami Dade Community College
B.A. - Florida International University

John Donald Geake, Miami
A.A. - Miami Dade Community College
B.A. - Florida International University

Theresa Ann Gelzinis, Nassau, NY
B.S. - St. John's University, New York
Ph.D. - St. John's University, New York

Randall Stuart Gordon, Montgomery, PA
B.S. - Tulane University

Sarah Lynn Gravitz, Sacramento, CA
B.A. - California State University

Jeffrey Lorenz Greski, Parkland
B.A. - Florida Atlantic University

Andrew Steven Gross, Sunrise
B.S. - University of South Florida

Dianne Annette Haisten, Chandler, AZ
B.S. - University of South Dakota

Paula Adelle Hall, North Miami
B.S. - Florida International University

Michael Patrick Heid, Miami
B.S. - University of South Florida

Karol Joanne Hendrickson, Lehigh Acres
B.S. - University of Wisconsin

Patience Anne Marie Henry, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Creighton University
B.S. - University of South Florida

John Henry Hill, III, Ft. Lauderdale
B.A. - Bethune Cookman College

Jon L. Hobbs, Tallahassee
A.A. - Seminole Community College
B.S. - Florida State University

Rick Dean Hoover, Indianapolis, IN
B.S. - Purdue University

Charlene Afsah Hosseini, St. Augustine
B.S. - University of South Florida

Joelle Marie Innocent, Starke
B.S. - University of Florida

D. Michael Jervis, St. Petersburg
A.A. - St. Petersburg Junior College
B.S. - University of South Florida

Sharon Loretta Johnston, Pompano
B.A. - Florida Atlantic University
B.A. - University of Rochester

David Michael Kaleugher, Carnegie, PA
B.A. - Washington Jefferson College

Kurt William Kantzler, Largo
B.S. - Florida State University

Erik Greg Kent, Athens, OH
B.S. - University of Ohio

Lance Yongseog Kim, Chicago, IL
B.A. - Boston University

Nicholas Shane Kouns, Stuart
B.S. - Centre College

Michael Paul Krusch, Greensboro, NC
B.A. - University of North Carolina at Chapel Hill

Paul Edward Kudelko, Largo
B.S. - Furman University

Yoyen Aurora Lau, Ossining, NY
B.A. - Cornell University

Janice Barbara Lima, Miami
B.S. - Barry University

Jacqueline Lustig, Tamarac, FL
B.A. - University of Florida

John Carl McDonald, Ft. Lauderdale
B.A. - Florida Atlantic University

Robert James McPhee, Islamorada
B.A. - University of South Florida

Jose Mario Marina, Oviedo
A.S. - St. Philips College
B.A. - Rollins College

Francis R. Martinez, Miami Beach
A.A. - Miami Dade Community College
B.S. - Florida International University

Maria Martone, Forked River, NJ
B.S. - Georgian Court College

Laura Ellen Michael, Ft. Lauderdale
B.S. - Indiana State University

Poonam Sahi Mishra, Palm Bay
B.S. - University of Central Florida

Mehrdad Momeni, Gainesville
B.S. - University of Florida

James Brent Morosco, Allegheny, PA
B.S. - University of Pennsylvania

Patrick David Morton, North Miami Beach
B.A. - Creighton University

Steven Theodore Moullos, Clair Shores, MI
B.S. - Wayne State University

Dipak Dinanath Nadkarni, Gainesville
B.A. - Duke University

Dina Marie Navarro, Miami
B.A. - John Hopkins University

Kenneth Dean Paige, Hollywood
B.S. - Florida International University

Barat M. Panahi, Des Moines, IA
B.S. - Ferdowsi University - Iran
M.S. - Iowa State University

Kathleen Ivy Papazian, Livonia, MI
B.S. - Indiana University
M.S. - Indiana-Purdue University

Raimundo Pastor, Jr., Miami
B.A. - Biscayne College

Christopher Dale Patterson, Clearwater
A.A. - St. Petersburg Junior College
B.S. - University of South Florida

Traci Leigh Pearl, Augusta, GA
B.S. - Georgia Institute of Technology

Anthony Trevor Perrin, Miami
B.A. - Holy Cross College

Raymond A. Petrus, Tampa
B.S. - University of South Florida

Vincent Joseph Pflug, Birmingham, AL
B.S. - Spring Hill College

Mercedes Pino, Hialeah
B.A. - Biscayne College

Richard John Presutti, Morristown, IN
B.S. - Vanderbilt University

Vincent Harold Randaisi, Montgomery, NY
B.A. - Alfred University

Kulbir Singh Rangi, Clarion, PA
B.S. - Clarion University

Cathy Ann Rayburn, Laurel, MS
B.S. - University of Mississippi

Larry Earl Reneker, Sunrise
A.A. - Harrisburg Area Community College
B.S. - Nova University

Jay R. Rhodes, Boynton Beach
B.A. - Trinity College

Toni Lynn Roberts, Coral Springs
B.S. - Florida Atlantic University

Jorge Omar Rodriguez, Jacksonville Beach
B.S. - Florida State University
B.S. - Duke University

Carlos Humberto Romero, New York, NY
B.S. - St. John's University

Michael Rosenfield, Tampa
A.A. - Miami Dade Community College
B.S. - University of South Florida

Edward Lawrence Roycraft, Jr., Key West
A.A. - Florida Keys University
B.S. - University of South Florida

Rosarito Rullan, Los Angeles, CA
B.S. - University of California - Berkeley

Walter Matthew Ryan, III, West Long Branch, NJ
B.S. - Monmouth College

Enrique Diogenes Saavedra, Meadville, PA
B.S. - Allegheny College

Kitturah Bettles Schomberg, Orlando
B.S. - University of Florida

Sandi Dee Scott, Hialeah
A.A. - Miami Dade Community College
B.S. - Barry University

Lisa Ann Scudder, Point Lookout, NY
B.S. - St. John's University

Nathalie Anne Sebag, Miami Beach
B.A. - Florida Career College

Steven Jeffrey Seltzer, Tamarac
B.S. - University of South Florida

Debra A. Smith, Mahoning, OH
B.A. - Youngstown State University

Mark Eugene Sturgill, Louisville, KY
A.S. - University of Louisville
B.S. - University of Louisville

Christopher James Swartz, Miami
B.A. - Rollins College

Richard Scott Vanderburg, Plantation
B.S. - University of Florida

Greg B. Vanzant, Oklahoma City, OK
B.A. - Southwest Baptist University
B.S. - University of Oklahoma Health Sciences

Andrew Mark Wakstein, Pembroke Pines
B.S. - Emory University

Darrell Frederick Weatherly, Jacksonville
B.S. - Jacksonville University

Richard Brian Weisberg, Miami
B.S. - Tulane University

Lisa Ann Whims, Rittman, OH

B.A. - Hiram College

Kayvon Yadidi, Tarzana, CA

B.S. - University of California - Los Angeles

Timothy Brandon Williams, Clermont Lake

A.A. - Manatee Junior College

B.A. - University of South Florida

M.A. - University of Central Florida

Melissa R. Young, Pulaski, TN

B.A. - Fisk University

Suzan Elizabeth Zimmer, Oakland Park

B.A. - Florida Atlantic University



College of Pharmacy





College of Pharmacy

G. Joseph Norwood, Ph.D.
Dean

Administration

G. Joseph Norwood, B.S., Ph.D., Dean

Paul Magalian, B.S., B.S., Ph.D., Associate Dean for Administration

Fred F. Farris, B.S., Ph.D., Associate Dean for Pharmaceutical Sciences

Peter W. Letendre, B.S., Pharm.D., Associate Dean for Pharmacy Practice

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

Marla Frohlinger, B.A., Assistant Dean for Admissions and Student Affairs

Mary R. Smith, Registrar

Patrick J. Gorman, B.S.H.A., Director of Student Financial Aid

Jeffrey Schneider, M.B.A., C.P.A., Director of Finance

Elliot S. Schantz, M.B.A., C.P.A., Comptroller

Frank H. Mulick, B.S., Bursar

Robert A. Klobnak, B.A., Director of Communications

Emil L. Todaro, B.A., D.O., Executive Director of Development

Ronald Oldano, B.S., Director of Development

Robert M. Rich, B.A., M.A., Ph.D., M.L.S., Library Director

Royal Flagg Jonas, B.S., J.D., Legal Counsel

PHARMACY

As drugs become more potent and specific and information more plentiful, it is necessary to have individuals who have primary responsibility for monitoring drug therapy. Pharmacists assume this responsibility.

Through progressive education and expanded professional roles, the practice of pharmacy is an integral part of today's health care delivery system. Pharmacists are knowledgeable about drugs, their uses, formulation, contraindications, adverse effects, incompatibilities and potential for drug interactions.

Pharmacists know about primary patient care: hypertension screening, over-the-counter products, patient profiles, drug regimens. They understand the health care needs of specialized patient groups, such as children and the elderly. This means that the pharmacist is not just drugs oriented, but is also people oriented. He or she thinks of the medication and the patient with emphasis on making certain that the patient has the right drug, in the right amount, for the right length of time, and with a minimum of adverse effects. The end result can only be improved health care.

Pharmacists practice their profession in patient-oriented settings: the community (which includes self-employment), the hospital, the extended care facility or the public health clinic. In addition, pharmacists are employed by the pharmaceutical industry in research and development in manufacturing or as medical service representatives. They are employed by educational institutions, government agencies, health maintenance organizations and by home based health care programs.

Like other health professions, the practice of pharmacy is regulated by law. In the United States the various state laws limit practice to those who have been duly licensed by the state. Qualifications for licensure are: graduation from an accredited college of pharmacy, completion of a required internship program, and passing an examination conducted by the Board of Pharmacy within the State.



COUNCIL OF OVERSEERS

JAY M. TISCHENKEL, R.Ph.,
CHAIRMAN
North Miami, Florida
Retired President,
Continental Drug Corporation

MRS. WILLIAM S. APPLE
Falls Church, Virginia

DAVID COLIN, R.Ph.
Hallandale, Florida
Chairman, Florida Chapter-
Brooklyn College of Pharmacy
Alumni Association

PAUL A. EGER, R.Ph.
South Miami, Florida
Director of Pharmacy
South Miami Hospital

ROSEBUD L. FOSTER, Ph.D.
North Miami, Florida
AHEC Project Manager
Florida International
University

RICHARD HAMMEL, R.Ph., Ph.D.
Research Triangle Park, NC
Director of Business Opportunities
Glaxo, Inc.

JACK J. JACKSON, B.S.
Kalamazoo, MI
Corporate Vice President
The Upjohn Co.

CONSTANTINE J. LOPILATO, R.Ph.
Hollywood, Florida
President, Town Drug

DAVID J. OSTERBERGER,
Pharm.D.
Miami, Florida
Administrator, Pharmacy Services
Jackson Memorial Hospital

LESLIE D. REAGIN, III
Clearwater, Florida
Executive Vice President
Exkerd Drug Company

PHILIP SACKS, R.Ph.
Fort Lauderdale, Florida
Past President, American
Pharmaceutical Association

JOHN STADNIK, R.Ph.
Miami Springs, Florida
President, Miami Springs
Pharmacy

JOEL M. WILENTZ, MD
Hallandale, Florida
Pharmacist and Dermatologist

Accreditation

Southeastern College of Pharmacy's doctor of pharmacy and baccalaureate in pharmacy programs have been granted candidate accreditation status by the American Council on Pharmaceutical Education, the national agency for the accreditation of professional programs in pharmacy.

A new program that has students enrolled but has not had a graduating class is granted candidate status. Candidate status denotes a developmental program which is expected to mature in accord with stated plans within a defined time period. The accreditation status extends to June 30, 1991. The baccalaureate in pharmacy and the doctor of pharmacy programs are scheduled for evaluation during the 1990-1991 academic year to provide the basis for consideration of advancing from candidate to accredited status as of July 1, 1991. Newly instituted professional programs of a newly founded College of Pharmacy generally progress through two preaccreditation statuses, precandidate and candidate. Southeastern College of Pharmacy received preaccreditation status in June 1987.

Graduates of a program having candidate status have, in the opinion of the American Council on Pharmaceutical Education, the same rights and privileges as graduates of an accredited program. It should be noted that decisions concerning eligibility for licensure, by examination or reciprocity, reside with respective state boards of pharmacy in accordance with their state statutes and administrative rules and regulations. The Florida State Board of Pharmacy has indicated its intent to recognize candidate status.



ACADEMIC CALENDARS

1989-90

FALL SEMESTER

Sunday, August 20, 1989

Monday, August 21, 1989

Monday, September 4, 1989

November 22, 1989

Monday, November 27, 1989

Friday, December 8, 1989

Monday, December 11, 1989

Tuesday, December 19, 1989

Orientation & Registration.

Full-time Classes Begin.

Registration for Postgraduate
Pharm.D. Program.

Postgraduate Pharm.D. Classes Begin.

Labor Day, No Classes.

10:30 P.M. Thanksgiving Recess Begins.

9:00 A.M. Classes Resume.

5:00 P.M. Classes End.

Final Exams Begin

10:30 P.M. Winter Recess Begins



SPRING SEMESTER

Monday, January 8, 1990

8:00 A.M. Registration of Full-time Students.

9:00 A.M. Full-time Classes Begin.

5:30 P.M. Registration for Postgraduate
Pharm.D. Program.

Monday, February 19, 1990

President's Birthday, No Classes.

Friday, April 13, 1990

9:00 A.M. Spring Recess Begins.

Monday, April 23, 1990

9:00 A.M. Classes Resume.

Friday, May 4, 1990

5:00 P.M. Classes End.

Monday, May 7, 1990

8:00 A.M. Final Exams Begin.

Tuesday, May 15, 1990

10:30 P.M. Second Semester Ends.



ACADEMIC CALENDAR

FALL SEMESTER 1990

Tuesday, August 14, 1990	Orientation & registration for First Year Students
Wednesday, August 15, 1990	Registration: 8:00 A.M.: P-2 9:00 A.M.: P-3 and PD-3 10:00 A.M.: PD-4 11:00 A.M.: P-1 Classes begin at 9 A.M. for P-2 Classes begin at Noon for P-1 Registration for Postgraduate Pharm.D. students begins at 5:30 P.M. Postgraduate Pharm.D. classes begin at 6:45 P.M.
Monday, September 3, 1990	Labor Day, No Classes.
Monday, September 24, 1990	First Block Exams.
Wednesday, September 26, 1990	First Block Exams.
Friday, September 28, 1990	First Block Exams.
Monday, November 5, 1990	Second Block Exams.
Wednesday, November 7, 1990	Second Block Exams.
Friday, November 9, 1990	Second Block Exams.
Wednesday, November 21, 1990	Thanksgiving. 10:30 P.M. Recess Begins
Monday, November 26, 1990	Classes Resume 9:00 A.M.
Friday, December 14, 1990	First Semester Classes End 5:00 P.M.
Monday, December 17, 1990	Final Exams Begin
Saturday, December 22, 1990	Winter Recess Begin.

SPRING SEMESTER 1991

Monday, January 7, 1991

Registration:
8:00 A.M.: P-2
9:00 A.M.: P-3 and PD-3
10:00 A.M.: PD-4
11:00 A.M.: P-1

Classes begin at 9 A.M. for P-2
Classes begin at Noon for P-1

Registration for Postgraduate Pharm.D.
students begins at 5:30 P.M.
Postgraduate Pharm.D. classes begin at 6:45
P.M.

Monday, February 11 1991

First Block Exams.

Wednesday, February 13 1991

First Block Exams.

Friday, February 15 1991

First Block Exams.

Monday, February 14, 1991

President's Birthday, No Classes.

Monday, March 25 1991

Second Block Exams.

Wednesday, March 27 1991

Second Block Exams.

Thursday, March 28 1991

Second Block Exams.

Friday, March 29, 1991

Spring Recess Begins
9:00 A.M.

Monday, April 8, 1991

Classes Resume

Friday, May 10, 1991

Classes End
5:00 P.M.

Monday, May 13, 1991

Final Exams Begin.

Friday, May 17, 1991

Second Semester Ends.

Sunday, June 2, 1991

Graduation.

The Administration of SECOP Reserves the Right to
Make Changes in the Calendar if Necessary.

ADMISSION REQUIREMENTS

FULL-TIME PROFESSIONAL PROGRAM

SECOP selects students based on pre-pharmacy academic performance. This includes Pharmacy College Admission Test (PCAT) scores, personal interviews, written applications and letters of reference.

PRE-PHARMACY STUDIES:

1. Prior to matriculation, SECOP applicants must complete a minimum of 60 semester hours of course work at an accredited college or university including the following required courses:
 - Biology with Laboratory - 8 semester hours
 - Business/Economics - 6 semester hours
 - Calculus - 3 semester hours
 - Statistics - 3 semester hours
 - English Composition - 3 semester hours
 - English Literature - 3 semester hours
 - General Chemistry with Laboratory - 8 semester hours
 - Organic Chemistry with Laboratory - 8 semester hours
 - Social and Behavioral Sciences - 9 semester hours
(Anthropology, Sociology, Psychology are recommended)
 - Speech or Communications - 3 semester hours
 - Electives - 6 semester hours, 3 of which must be general education.
2. Students must have a grade point average of 2.5 or higher on a four-point scale. To assure a well-rounded background for professional studies and adequate preparation in mathematics and sciences, SECOP requires students to earn a grade of C or better in each required pre-pharmacy course. It is recommended that courses taken outside these requirements be in the social and behavioral sciences or the humanities.
3. All applicants are required to submit official Pharmacy College Admission Test (PCAT) scores. Applicants should take the test no later than November or February prior to the date of expected matriculation. Candidates should schedule pre-pharmacy course work so that they complete all courses in Biology and Chemistry before taking the PCAT.

A national standardized examination, the PCAT is designed to measure verbal ability, quantitative ability, reading comprehension and knowledge of biology and chemistry. The half-day test is offered three times a year (in November, February and April) at locations throughout the U.S. and Canada, including sites in Miami, Tampa, Gainesville and Tallahassee.

Application brochures for the PCAT may be available at your college. You can also receive the brochure from SECOP or by sending a written request to:

PHARMACY COLLEGE ADMISSION TEST
The Psychological Corporation
555 Academic Court
San Antonio, Texas 78204

APPLICATION PROCEDURE

FULL TIME PROFESSIONAL PROGRAM

Inquiries for admission should be addressed to the Admissions Office, College of Pharmacy, 1750 N.E. 168th Street, North Miami Beach, Florida 33162-3097. Candidates for admission must submit:

1. A completed application form along with a \$50 non-refundable application fee.
2. A letter of recommendation from the undergraduate Pre-Professional Committee, or if such a committee does not exist, three letters of recommendation, two from science professors and one from a liberal arts professor.
3. A letter of reference from a registered pharmacist.
4. Official PCAT scores.
5. Official college transcripts from all undergraduate and graduate institutions attended.

SECOP REQUESTS THAT ALL APPLICATION DOCUMENTS SHOULD BE RECEIVED BY APRIL 15 IN ORDER FOR THE APPLICANT TO BE CONSIDERED FOR ADMISSION IN FALL OF THE SAME YEAR. NOTICE OF ACCEPTANCE OR OTHER ACTION BY THE COMMITTEE ON ADMISSIONS WILL BE ON A "ROLLING" OR PERIODIC SCHEDULE. EARLY COMPLETION OF THE APPLICATION IS THEREFORE IN THE BEST INTEREST OF THE STUDENT.

Upon receipt of the completed application and required credentials, the Committee on Admissions will select those applicants to be interviewed. Those selected will be notified in writing of the time and place. All applicants who are eventually chosen by the College must be interviewed, but an invitation to appear for an interview should not be construed by the applicant as evidence of final acceptance.

Since only one sequence of the required professional courses is offered each year, admission of new students to the College is limited to the Fall semester.

TUITION AND FEES

FULL TIME PROFESSIONAL PROGRAM

SECOP has established the following tuition and fees:

1. Tuition and fees for Florida Residents: \$7200 for the 1989-90 academic year and \$9200 for out-of-state Residents. Tuition and fees for the 1990-91 Academic year: \$7500 and \$11,000, respectively.
2. Acceptance Fee: \$500. This fee is required to reserve the accepted applicant's place in the entering First Year Class. This advance payment will be deducted from the tuition payment due on registration day, but is not refundable in case of withdrawal. It is payable within two weeks of the applicant's acceptance.
3. Pre-registration Fee: \$500. Due June 1, under the same terms as the Acceptance Fee.

The first semester's tuition and fees (\$3750), less the \$1,000 previously paid, are due on or before Registration Day. Tuition for each subsequent semester (\$3750) is due on or before Registration Day for that semester. Students will not be admitted until their financial obligations have been met.

POSTGRADUATE DOCTOR OF PHARMACY PROGRAM

SECOP has established the following Postgraduate Pharm.D. tuition and fees:

1. Tuition: \$220 per credit hour.
2. Acceptance Fee: \$250. This fee is required to reserve the accepted applicant's place in the class. This advance payment will be deducted from the tuition payment due on registration day, but it is not refundable in case of withdrawal. It is payable within two weeks of the applicant's acceptance.
3. Pre-registration Fee: \$250. Due June 1st, under the same terms as the Acceptance Fee.

The first session's tuition and fees, less the \$500 previously paid are due on or before Registration Day. Tuition for each subsequent didactic session is due on or before registration day of that session. Students will not be admitted until their financial obligation has been discharged.

FINANCIAL AID

All sources of financial aid, scholarships and loans listed in this section are summarized briefly due to constantly changing requirements, fund availability and interest levels. The student financial aid officer monitors all revisions in these programs and maintains a current status file on each. For further information on any of the following programs, please contact the Financial Aid Director.

PRIVATE PROGRAMS

- A. Doris D. Forman Fund
- B. Eckerd Drug Scholarship/Loan Program
- C. SECOP Student Loan Program
- D. Florida Society of Hospital Pharmacy Scholarship Award
- E. Burroughs Wellcome Scholarship Program
- F. National Association of Retail Druggists (NARD) Loan Program
- G. Broward County Pharmacy Association Scholarship
- H. Jay Tischenkel Scholarship
- I. Walgreen's Drug Scholarship/Loan Program
- J. Memorial Hospital Scholarship/Loan Program
- K. National Association of Chain Drug Stores Scholarship
- L. Paul & Ellen Magalian Scholarship Award
- M. AZO/Morris Silver Scholarship
- N. K-Mart Scholarship
- O. Morris Cody Scholarship
- P. National Hispanic Scholarship Fund
- Q. American Fellowships, The American Association of University Women
- R. Business and Professional Women's Career Scholarship
- S. Advancement Scholarship
- T. Clairol Loving Care Scholarship Program

FEDERAL PROGRAMS

Federal Programs

Maximum Annual Award

Exceptional Financial Need Scholarship (generally one per year)	Full Tuition, reimbursement for books, monthly stipend
Pell Grant	\$ 2,300
Guaranteed Student Loan	\$ 4,000
Supplemental/Parent Loan	\$ 4,000
Health Education Assistance Loan (Eligibility begins during second year of pharmacy study)	\$ 12,500

GRADUATION REQUIREMENTS

Every person upon whom a degree shall be conferred must have fulfilled the following requirements:

- a. Be of good moral character.
- b. Have satisfactorily passed all prescribed examinations.
- c. Have satisfactorily completed the assigned curriculum requirements for the degree, including all assignments with a grade point average of 2.0 or a numerical average of 75 or above.
- d. Have satisfactorily discharged all financial obligations.
- e. Transfer students must complete a minimum of 15 credit hours of didactic course work in addition to all experiential requirements.

The College reserves the right, and the student, by his/her act of matriculation, concedes to the College the right to require his/her withdrawal at any time the College deems it necessary to safeguard its standards of scholarship, conduct and compliances with regulations or for such reasons as are deemed appropriate.

INTERNSHIP

Internship is a requirement for licensure and is not required for graduation from the College of Pharmacy.

Internship must be completed within the guidelines of the Florida Board of Pharmacy as set forth in the Rule Chapter 215-1, or the Board of Pharmacy in the state in which the student plans to fulfill the requirements for internship. The College's Director of Experiential Programs provides assistance and guidance to students entering internships.

Students opting for the B.S. in Pharmacy degree are required to complete 220 hours of internship in addition to externship and clerkship, in order to fulfill the requirement for licensure in Florida. Students who pursue the Doctor of Pharmacy degree do not need to fulfill any additional internship hours in order to become licensed in Florida.

COURSE OF STUDY

FULL TIME PROFESSIONAL PROGRAM

1st YEAR

The first year of the professional curriculum is designed to provide a firm foundation in the basic sciences. In order to provide efficiency of learning, the areas of anatomy, pathology and physiology are integrated into one course. Similarly, medicinal chemistry and pharmacology have been combined into one course entitled Pharmacodynamics. The student begins the study of Pharmaceutics at this time by investigating certain principles of pharmacy which continues into pharmacokinetics. The courses in pharmacy administration are introduced to provide an insight into the business and human relations aspects of pharmacy practice.

2nd YEAR

The second year of the professional curriculum is more applied. Therapeutics addresses the use of drugs in the disease process. Physical assessment is taught because of its value in monitoring the progress of drug therapy. The pharmaceutics course is concerned with the science of dosage forms. A pharmacy law course, as well as prescription practice course, is included to provide the student with the background needed for legally and ethically dispensing prescriptions. A pharmacy administration course provides an insight into the social and economic aspects of the health care system.

THE B.S. IN PHARMACY DEGREE

Students selecting the B.S. option will complete their education during the third professional year with a full year of practical experience. The first semester, Externship, is a full-time experience working under the tutelage of a pharmacist. One-half semester will be spent in a community pharmacy and one-half semester will be in a hospital pharmacy.

The second component of the third year is Clinical Clerkship. Here, each student works full-time under the close supervision of a pharmacist whose primary responsibility is to monitor drug usage in a clinical setting, often at the patient's bedside.

CURRICULUM OUTLINE

SEMESTER I

SEMESTER 2

Year 1

Pharmacy Calculations	1
Anatomy & Pathophysiology I	5
Physical Pharmacy	3
Biochemistry	4
Pharmacodynamics I	3
Pharmacy Administration I	2

Credits 18

Anatomy & Pathophysiology	5
Pharmacokinetics	4
Pharmacodynamics II	4
Microbiology	3
Pharmacy Administration II	2

Credits 18

Year 2

Therapeutics I	4
Pharmacodynamics III	6
Pharmaceutics	3
General Education I	3
Pharmacy Administration III	2

Credits 18

Therapeutics II (Geriatric and Minority Population)	4
Pharmacodynamics IV	3
Physical Assessment	2
Prescription Practice	3
General Education II	3
Pharmacy Law	3

Credits 18

Year 3

Externship I	7
Externship II	7

Credits 14

Clerkship I (I.M.)	3.5
Clerkship I (AMB)	3.5
Clerkship I (GER)	3.5
Clerkship I (D.I.)	3.5

Credits 14

The curriculum is designed in such a way that the knowledge gained in one semester becomes the foundation for learning material covered in the subsequent semesters. Therefore, when students fail to successfully complete coursework specified for one semester it will impede their ability to take courses in future semesters. This will often lead to a delay of one year in the graduation date.

THE PHARM.D. DEGREE

In the third year, students pursuing the Pharm.D. degree direct their attention towards honing their analytical skills. Courses in statistics and experimental design, drug literature evaluation and the interpretation of biopharmaceutical and laboratory data are included at this stage. An advanced course in Pharmacotherapeutics is also offered during this semester. The second half of the third year is Externship which is described under the B.S. Curriculum.

The final year of the Pharm.D. Curriculum is a full-time clinical clerkship. The first semester of this clerkship includes four 160-hour rotations in preassigned areas. During the second semester the student practices with considerably more independence and gains a much greater insight into the process of monitoring drug therapy to maximize benefits and minimize side effects. This semester, the student selects four 160-hour rotations in specialty areas.

SEMESTER I

Year 1 and 2

Same as above for the B.S. Curriculum

Year 3

Experimental Design & Statistics	4
Drug Literature Evaluation	2
Interpretation of Biopharmaceutical and Laboratory Data	4
Advanced Pharmacotherapeutics	6

Credits 16

Year 4

Clerkship II (I.M.)	3.5
Clerkship II (AMB)	3.5
Clerkship II (GER)	3.5
Clerkship II (D.I.)	3.5

Credits 14

SEMESTER 2

Externship I	7
Externship II	7

Credits 14

Clerkship III-A	3.5
Clerkship III-B	3.5
Clerkship III-C	3.5
Clerkship III-D	3.5

Credits 14

All students accepted into the College are enrolled in the Pharm.D. Program. During the second year of professional study, students may petition to pursue the B.S. in Pharmacy Degree. Those petitions are due to be filed March 1st of the student's second professional year.

DIFFERENTIATION OF B.S. AND PHARM.D PROGRAMS

The clinical components of pharmacy practice continue to grow in importance. This trend is very evident in Florida where the role of the pharmacist has expanded significantly because of the state's large proportion of elderly people.

Accordingly, it has been decided that the curriculum at the Southeastern College of Pharmacy (SECOP) will be especially strong in the clinical areas for graduates at both the B.S. and Pharm. D. levels. This philosophy and emphasis is apparent from perusing the curriculum and noting the following:

1. The intensity of the experiential component. The B.S. candidates have one full semester of externship and one full semester of clerkship. The Pharm.D. candidates have an additional semester of clerkship which allows practice at a higher level and in specialty areas.

2. The intensity of the Pathophysiology and Therapeutics courses. The total time devoted to these areas is greater than that in many pharmacy schools, especially at the B.S. level. This reflects our conviction that pharmacists at all levels of practice need to thoroughly understand disease processes and therapeutics. This intensity is increased further for Pharm.D. candidates by the addition of Advanced Pharmacotherapeutics in the last semester of didactic coursework.

3. The addition of physical assessment for both B.S. and Pharm.D. candidates. Since pharmacists monitor the progress of drug therapy, such a course is deemed essential for all graduates.

Therefore, both curricula reflect our commitment to clinical pharmacy education. Both B.S. level and Pharm. D. level Clerkships will be identical in terms of goals and objectives. However, there may be a difference in emphasis placed on certain activities, depending on the degree category of the student. To facilitate instruction and evaluation, every effort is made to group similar degree category students.

It is anticipated that the Pharm.D. graduate will enter a practice which has a high level of clinical activity. To this end, the Pharm.D. curriculum has an additional semester of clinically relevant didactic coursework as well as an additional semester of specialized clinical clerkships. Thus, these graduates should be especially competent in monitoring drug therapy in a variety of practice settings.

Although the B.S. curriculum has a considerable amount of clinically oriented coursework and clerkships, the graduate of this program is not expected to enter a practice which requires a high level of clinical skills. Instead, the B.S. graduate is expected to enter a generalized pharmacy practice setting which requires skills in drug distribution and pharmacy management as well as clinical pharmacy. The clinical expertise of these graduates is sufficient for general practice but needs further development for practices which are primarily devoted to in depth drug monitoring and drug utilization reviews.

THE POSTGRADUATE DOCTOR OF PHARMACY PROGRAM

In addition to the full-time professional curriculum, the College is also offering the Postgraduate Doctor of Pharmacy program to practicing professional pharmacists.

Pharmacists are highly skilled health care professionals worthy of a professional doctorate degree. We have designed a program to assist pharmacists to grow in their professional capacity while earning a Pharm.D. degree. The program will help pharmacists meet the challenges of their dynamic and expanding profession.

SECOP offers a full-service, campus-based program for B.S. pharmacists seeking a Pharm.D. degree. This approach has distinct advantages over external degree programs. Courses are taught in person by highly qualified faculty, allowing the full benefit of interaction and feedback. Students have access to the medical/pharmaceutical library, computer room, and other learning resources.

We have developed an outstanding program which provides an education with an advanced degree. While the program is uncompromising in quality, it is highly flexible, and geared to meeting the needs of the working pharmacist. Courses are offered in the evening so students can vary their course load according to their work schedule.

A recent survey identified lack of time for clinical clerkships as one of the biggest problems confronting pharmacists seeking the Pharm.D. degree. While the SECOP program includes clinical clerkship requirements, these may be taken in one-month blocks and some may be completed on a part-time basis. In addition, some credit may be extended for lifetime experiences when pharmacists have practiced in a clinical setting for a sufficient time. Although the one-month, full-time clerkship modules do not have to be taken in succession, all pharmacists entering the program should be prepared to complete 5 one-month modules on a full-time basis over the course of 2-3 years.

Applicants for this program must be graduates of a college of pharmacy which is accredited by the American Council of Pharmaceutical Education. They must have graduated with a grade point average of at least 2.0 on a 4 point scale. They must also be in good standing with the board of pharmacy in Florida or another state in the nation.

COURSE OF STUDY POSTGRADUATE DOCTOR OF PHARMACY PROGRAM

The curriculum is planned so the first year is devoted to advanced pathophysiology and analytical skills. Experimental design and statistics as well as the interpretation of biopharmaceutic and laboratory data are offered for the first year. The skills gained through the second year's courses should enable students to perform at a higher level in the monitoring of drug therapy.

Upon completion of these 24 semester hours of coursework, the student is prepared to pursue the clinical clerkship portion of the curriculum. This is a full-time experience, one academic year in length, for those students who have had little, if any, clinical experience. Students possessing considerable clinical experience may receive credit for some of their life experiences and will not pay full tuition for the clinical clerkship. However, a minimum tuition of \$2,500 will be charged for clerkships regardless of the amount of life experience credits granted.

A fully committed part-time student is expected to take two courses a semester. At this rate, the didactic portion of the curriculum will be completed in two years. Students may also pursue coursework at a slower rate. The slowest rate would be to take one course per semester. At this rate it takes four years to complete the didactic portion of the curriculum. It is expected that a number of students may complete the program of study at an intermediate rate which is three years for the didactic work. No more than 5 years should lapse between the beginning of coursework and the beginning of the full-time clinical clerkship. No more than 7 years should lapse between the beginning of didactic work and the completion of all clerkship requirements.

CURRICULUM OUTLINE

SEMESTER 1

Year 1

Advanced Pathophysiology I 3

Experimental Design & Statistics 4

Credits 7

Year 2

Advanced Therapeutics I 3

Physical Assessment 2

Credits 5

Year 3

Clerkship II 14

SEMESTER 2

Advanced Pathophysiology II 3

Interpretation of Biopharmaceutic &
Laboratory Data 4

Credits 7

Advanced Therapeutics II (Minority &
Geriatric Populations) 4

Drug Literature Evaluation 2

Credits 6

Clerkship III 14

The Postgraduate Pharm. D. program features a flexible schedule of courses. First year students can register for two courses per term, attending class one night per week for each course. Students may elect to proceed at a slower pace, completing only one course per semester. However, all courses in the first year block should be completed before proceeding to the courses in the second year block.

This assumes the student will attend on a full-time basis for the clinical clerkship and that no credit will be given for life experiences. It is anticipated that a number of students will receive credit for some life experience and that a portion of clerkship may therefore be waived. Also a few clerkships are offered on a part-time basis and the clerkship modules do not have to be completed in succession. No more than 5 years should lapse between beginning of course work and the beginning of clerkships. Further, no more than 7 years should lapse from the beginning of course work and the completion of all clerkship modules.

CLERKSHIP

SECOP desires to provide contemporary and innovative practice experiences to its students during their educational program.

To accomplish this goal, off-campus pharmacy practice environments are utilized extensively to provide hands-on experiences in the Externship and Clerkship programs. The affiliated practice sites are within the Greater Miami/Ft. Lauderdale area. Hospital, community, chain, nursing home and other specialty pharmacy practice environments will provide the student with opportunities to interact with patients and other health care providers in the provision of pharmacy services. The emphasis of experiences will be the application of didactic knowledge and skills in a non-laboratory, patient-care setting under the supervision and direction of the clinical faculty appointed by the College.

OBJECTIVES

The Program has a number of broad-based objectives. As the student progresses through the various phases of the program, the foundations and experiences are carefully organized so that the student can demonstrate:

1. A comprehensive knowledge of pathophysiology, therapeutics, pharmacokinetics, toxicology and pharmacy.
2. An ability to observe and analyze the signs and symptoms of disease, with emphasis on monitoring drug therapy.
3. An ability to develop and expand an adequate data base from such sources as the patient, the medical chart, and other health practitioners.
4. An ability to identify, organize, and present an assessment of the patient's problems.
5. An ability to design a therapeutic plan based on patient-specific information.
6. An ability to solve drug therapy problems by implementing appropriate changes in the drugs used and/or the dosage regimen.
7. An ability to monitor and assess therapeutic and adverse effects of drug therapy through the selection of physical and laboratory parameters.
8. An ability to manage the patient's drug therapy.
9. An ability to effectively communicate verbally and in writing, and to develop a relationship with patients, peers, and other health practitioners.
10. An ability to comprehend, critically evaluate, and utilize the drug literature.
11. An understanding of research methods used to implement drug therapy research.
12. A sense of personal responsibility to patients for their drug therapy.

Anatomy

Chairman & Professor: G.R. Conover; **Professors Emeriti:** F.H. Higginbotham, A.C. Higginbotham; **Associate Professors:** L.B. Dribin, G.D. Ericson, D.R. Maurer; **Assistant Professor:** S.F. Simpson

ANATOMY AND PATHOPHYSIOLOGY I

(5 C.H.) 80 Hours

A course designed to serve as a prerequisite for a course in therapeutics. The student is provided with a study of the basic disease processes with emphasis on functional changes and the supporting nomenclature and terminology. Areas included are general anatomy and physiology, neuro-cardiovascular physiology, renal and gastrointestinal physiology and basic renal functions. Each topic area is addressed from the standpoint of basic physiology as well as disease processes.

ANATOMY AND PATHOPHYSIOLOGY II

(5 C.H.) 80 Hours

A continuation of Anatomy and Pathophysiology I with special emphasis on respiratory and endocrine physiology and anatomy with clinical correlations.

Biochemistry

Chairman & Professor: K.H. Woodside; **Assistant Professors:** E.E. Groseclose; E.O. Keith

BIOCHEMISTRY

(4 C.H.) 60 Hours

The structures, functions, and metabolism of lipids, proteins, carbohydrates and nucleic acids will be followed by a detailed consideration of coagulation, muscle, connective tissue, cancer, digestion and absorption, nutrition, and endocrinology. Pharmaceutical applications of this material will be included.

Microbiology

Chairman & Professor: H.E. Laubach; **Adjunct Professor:** G. Kucker; **Associate Professors:** H. Hada; S.D. Obenauf

MICROBIOLOGY

(3 C.H.) 48 Hours

A study of the fundamental principles underlying the nature of infectious microorganisms. Special emphasis is placed on cause, prevention and control of infectious diseases. Topics include immunology, mycology, parasitology, bacteriology and virology. Laboratory exercises cover identification of microorganisms and antibiotic testing.

Pharmacy Administration

Chairman & Associate Professor: P. Magalian; **Adjunct Professor:** M.J. Carvajal; **Associate Professors:** E.H. Clouse, E.S. Jaffry, D.P. Lipson; **Assistant Professor:** A. Nichol

PHARMACY MANAGEMENT I

(2 C.H.) 30 Hours

An application of business, economic and management principles in community and institutional pharmacy environments. Basic principles of management will be discussed and students will participate in the activities of an established organization and in a community pharmacy operations simulation.

PHARMACY MANAGEMENT II

(2 C.H.) 30 Hours

A continuation of Pharmacy Management I with emphasis on managing an organization.

GENERAL EDUCATION I

(3 C.H.) 45 Hours

Rotating topics of behavioral and social sciences.

PHARMACY MARKETING/HEALTH CARE DELIVERY

(2 C.H.) 30 Hours

This course consists of an overview of the health care delivery system as well as specific aspects of pharmaceutical marketing. Special emphasis is placed on the role that pharmacists play in dealing with the general public and pharmaceutical industry.

GENERAL EDUCATION II

(3 C.H.) 45 Hours

A continuation of General Education.

PHARMACY LAW

(3 C.H.) 45 Hours

This course covers the Federal and State statutes, rules and regulations which affect the various aspects of pharmacy practice as well as selected aspects of general laws. Special emphasis is placed on interpretation of those laws primarily affecting the practice of Community and Institutional Pharmacy.

EXPERIMENTAL DESIGN AND STATISTICS

(4 C.H.) 60 Hours

Fundamental principles of statistics and experimental design.

* PHARMACY BUSINESS TECHNIQUES

(2 C.H.) 30 Hours

This course is intended to take the students through a progressive activity giving them an opportunity to simulate from the beginning to end all business matters relating to a pharmacy operation.

* This independent study course offered as an elective.

Pharmaceutical Sciences

Chairman & Professor: F.F. Farris; **Associate Professor:** J. Triplett; **Assistant Professors:** A.V. Athani, R. Finkel, D.M. Gazzi, S. Narayan, T. Oh; **Clinical Assistant Professors:** E.M. Alvarez, G. Dalin, M. Jiminez, S. Resnek, R. Wagner, R. Zlamal

PHYSICAL PHARMACY

(3 C.H.) 45 Hours

The theory and application of physiochemical principles to pharmaceutical systems.

PHARMACODYNAMICS I

(3 C.H.) 45 Hours

A study of the physio-chemical properties of drugs and principles of drug actions, disposition, metabolism, and analysis. Special attention is given to drugs acting on the peripheral nervous system.

PHARMACOKINETICS

(4 C.H.) 60 Hours

A discussion of the mechanisms and rates of absorption and disposition of drugs.

PHARMACODYNAMICS II**(4 C.H.) 60 Hours**

A continuation of Pharmacodynamics I with emphasis on cardiovascular agents, drugs affecting the endocrine system, autocoids and antithrombotic, anticoagulant and thrombolytic agents.

PHARMACODYNAMICS III**(6 C.H.) 90 Hours**

A continuation of Pharmacodynamics II with special emphasis on drugs acting on the central nervous system, vitamins and minerals.

PHARMACEUTICS**(3 C.H.) 75 Hours**

Continuation of Physical Pharmacy with an emphasis on basic and applied concepts of pharmaceutical dosage form design to dosage and regimen.

PHARMACODYNAMICS IV**(3 C.H.) 45 Hours**

A continuation of Pharmacodynamics III with emphasis on antimicrobial agents, antiparasitic agents, antineoplastic agents, locally active agents, biologicals and diagnostic agents. This course also focuses on toxicology.

PRESCRIPTION PRACTICE**(3 C.H.) 90 Hours**

The application of scientific, legal and ethical principles to the compounding and dispensing of medicinal agents used in modern medical practice. The analysis, interpretation and evaluation of prescription products in various dosage forms is also included.

INTERPRETATION OF BIOPHARMACEUTIC AND LABORATORY DATA (4 C.H.) 60 Hours

An introduction to physiochemical and biological parameters influencing drug action. Variables in formulations and physiological considerations are examined in terms of their effect upon the absorption, distribution, metabolism and excretion of medicinal agents. Also included is the interpretation of laboratory data and its effect on prescribing.

Pharmacy Practice

Chairman & Associate Professor: P.W. Letendre; **Assistant Professors:** C.A. Blumenthal, C. Celestin, C.C. da Camara, L. Deziel-Evans, H.J. Hanel, S. McCullough, G. Montes de Oca, H.A. Skluth, L. Frenzel-Shepherd

PHARMACY CALCULATIONS**(1 C.H.) 30 Hours**

A systematic study of the fundamental mathematical principles employed and problems commonly encountered in the compounding and dispensing of pharmaceutical preparations.

THERAPEUTICS I**(4 C.H.) 60 Hours**

Principles and application of rational pharmacotherapeutics for various disease states, including drug selection and monitoring of drug therapy. Influences of therapy will include, wherever applicable, culturally derived health benefits and practice, age-related issues relating to appropriate drug therapies.

THERAPEUTICS II**(4 C.H.) 60 Hours**

Continuation of Therapeutics I with specific emphasis on infectious, neoplastic and rheumatic diseases. Additional topics such as contraceptives, drug abuse, hospice, and pain management are also covered.

PHYSICAL ASSESSMENT**(2 C.H.) 30 Hours**

This course focuses on clinical laboratory procedures, data interpretation, patient interviewing techniques, patient progress charting and medication profiling. Drug induced problems and patient advisement are also included.

COLLEGE OF PHARMACY

DRUG LITERATURE EVALUATION

(2 C.H.) 30 Hours

A study of prominent sources of drug information, principles of drug literature evaluation and experience in answering drug information questions and analyzing and evaluating drug literature and advertising.

ADVANCED PHARMACOTHERAPEUTICS

(6 C.H.) 90 Hours

An advanced continuation of therapeutics focusing on topics which present difficult therapeutic challenges and newly emerging therapeutic modalities.

INTERNSHIP I

(7 C.H.) 320 Hours

An eight week off-campus rotation in a supervised community pharmacy environment. These rotations promote the application of didactic knowledge in non-simulated environments, development of competencies in pharmacy practice and further development of communications skills. The emphasis of this full-time (40hr/wk) rotation is on the distributive and management aspects of pharmacy practice.

INTERNSHIP II

(7 C.H.) 320 Hours

An eight week off-campus rotation in a supervised hospital pharmacy environment. These rotations promote the application of didactic knowledge in non-simulated environments, development of competencies in pharmacy practice and further development of communication skills. The emphasis of this full-time (40 hr/wk) rotation is on the distributive and management aspects of pharmacy practice.

ADVANCED THERAPEUTICS I

(3 C.H.) 45 Hours

This discusses the principles and application of rational pharmacotherapeutics for various disease states, including drug selection and monitoring of drug therapy. Influences of therapy will include, wherever applicable, culturally derived health benefits and practice, age-related issues and current issues relating to appropriate drug therapies. This course is designed for the Postgraduate Pharm.D. student

ADVANCED THERAPEUTICS II

(4 C.H.) 60 Hours

Continuation of Advanced Therapeutics I with specific emphasis on infectious, neoplastics and rheumatic diseases. Additional topics such as contraceptives, drug abuse, hospice, and pain management are also covered. The course is designed for the Postgraduate Pharm.D. student.

CLERKSHIP I

Four modules comprise Clerkship I; They are Ambulatory Care, Drug Information, Geriatric Care and Internal Medicine. Each of these consists of four week, full-time (40hr/wk) off-campus rotations in a supervised pharmacy practice environment emphasizing the nondistributive, clinical aspects of pharmacy practice. These rotations promote the application of didactic knowledge, the development of competencies in pharmacy practice and enhancement of the student's knowledge to therapeutic management.

AMBULATORY CARE

(3.5 C.H.) 160 Hours

The focus of activities will include interaction with ambulatory patients. Students will actively participate as members of the health care team to encourage rational drug therapy through extensive patient and monitoring. Additionally, students are encouraged to obtain medical and drug information directly from the patient in the form of an interview.

DRUG INFORMATION

(3.5 C.H.) 160 Hours

Students will actively participate in drug information retrieval, formulation of responses, preparation of drug evaluations, inservices, cost-containment studies, drug utilization evaluations and any other aspects of drug information to other health care practitioners or the lay public.

GERIATRIC CARE

(3.5 C.H.) 160 Hours

The focus of activities will be on the differences in providing care for the elderly as opposed to younger individuals. Students will actively participate as members of the health care team to develop effective, least toxic and most economical pharmacological therapeutic regimens in the area of geriatric pharmacotherapy.

INTERNAL MEDICINE

(3.5 C.H.) 160 Hours

Activities will revolve around the most commonly encountered chronic diseases such as hypertension, congestive heart failure, diabetes, renal failure, etc. Students will actively participate as members of the health care team to develop effective pharmacological therapeutic regimens.

CLERKSHIP II

Four modules comprise Clerkship II. Each of these consist of 160 hours, as Clerkship I, and focuses on the same general areas. However, these Pharm.D. level rotations promote the application of didactic knowledge, the development of competencies in pharmacy practice, and enhancement of the student's knowledge of therapeutic management.

AMBULATORY CARE

(3.5 C.H.) 160 Hours

An advanced therapeutic management of Ambulatory Care in Clerkship I.

DRUG INFORMATION

(3.5 C.H.) 160 Hours

An advanced therapeutic management of Drug Information in Clerkship I.

GERIATRIC CARE

(3.5 C.H.) 160 Hours

An advanced therapeutic management of Geriatric Care in Clerkship I.

INTERNAL MEDICINE

(3.5 C.H.) 150 Hours

An advanced therapeutic management of Internal Medicine in Clerkship I.

CLERKSHIP III A-D

(14 C.H.) 640 Hours

There will be four clerkships in this sequence, each of them 3.5 Credit Hours of 160 clock hours. Each 160 hour off-campus rotation in a supervised pharmacy practice environment emphasizes the nondistributive, clinical aspects of pharmacy practice in a specialty area.

Specialty rotations may include: pharmacokinetics, infectious disease, total parenteral nutrition, psychopharmacy, pediatrics, rheumatology, surgery, cardio thoracic surgery, critical care, cardiology, neonatology, immunology and clinical research where available.

Physiology

Chairman & Professor: H.J. Lyons; **Associate Professor:** B. Sturbaum; **Assistant Professor:** C.J. Woody

ANATOMY AND PATHOPHYSIOLOGY I (See Anatomy)

(5 C.H.) 50 Hours

ANATOMY AND PATHOPHYSIOLOGY II (See Anatomy)

(5 C.H.) 80 Hours

ADVANCED PATHOPHYSIOLOGY I

(3 C.H.) 48 Hours

This course is designed for post-graduate, Pharm.D. students to study the physiological concepts needed for the understanding of disease processes. In this course nervous, cardiovascular, and respiratory systems are presented.

ADVANCED PATHOPHYSIOLOGY II

(3 C.H.) 48 Hours

A continuation of Advanced Pathophysiology I. Areas addressed include hematology, renal physiology, immunological disorders, physiology of digestive system, infectious diseases, metabolic and reproductive disorders.

EXTERNSHIP/CLERKSHIP SITES

The following institutions are committed to affiliating with SECOP for experiential education:

Baptist Hospital
8900 North Kendall Drive
Miami, FL 33176

Bascom Palmer Eye Institute
900 N.W. 17th St.
Miami, FL 33101

Bay Pines V.A. Medical Ctr.
Bay Pines, FL 33504

Boca Raton Community Hospital
800 Meadows Road
Boca Raton, FL 33432

Broward General Hospital
1600 S. Andrews Ave.
Ft. Lauderdale, FL 33021

Budget Pharmacy
3001 N.W. 7th St.
Miami, FL 33125

Center Pharmacy
6499 38th Ave. North
St. Petersburg, FL 33710

Coral Springs Med. Ctr.
3000 Coral Hills Dr.
Coral Springs, FL 33065

Doctors Hospital
1859 Van Buren St.
Hollywood, FL 33020

Druggist
1560 N. University Drive
Pembroke Pines, FL 33024

Eckerd Drugs
2278 S.W. 27th Ave.
Miami, FL 33145

Enteral & Parenteral Support
8322 W. Oakland Park Blvd.
Sunrise, FL 33321

Florida Medical Ctr.
5000 Oakland Park Blvd.
Ft. Lauderdale, FL 33021

Green Briar Nursing Home
9820 N. Kendall
Miami, FL

H. Lee Moffit Cancer Ctr.
12902 Magnolia Dr.
Tampa, FL 33612

Holy Cross Hospital
4725 North Federal Highway
Ft. Lauderdale, FL 33308

Insta Care Pharmacy
5751 Miami Lakes Drive E.
Miami Lakes, FL

Jackson Memorial Hosp.
1611 N.W. 12th Ave.
Miami, FL 33136

James A. Haley V.A. Medical Ctr.
13000 Bruce B. Downs Blvd.
Tampa, FL 33612

J.F.K. Medical Ctr.
5301 S. Congress Ave.
Atlantis, FL 33462

Kendall Regional Med. Ctr.
1750 Bird Rd.
Miami, FL 33175

Mega Pharmacy
9614 Fontainebleau Blvd.
Miami, FL 33172

Memorial Hospital
3501 Johnson St.
Hollywood, FL 33021

Miami Childrens Hospital
6125 S.W. 31st St.
Miami, FL 33155

Miami Jewish Home and Hospital
151 N.E. 52nd St.
Miami, FL 33137

Milton Medical & Drug Co.
1674 Meridian Avenue
Miami Beach, FL 33139

Mt. Sinai Medical Center
4300 Alton Rd.
Miami Beach, FL 33140

My Pharmacy
15043 S. Dixie
Miami, FL 33176

North Miami Med. Ctr.
1701 N.E. 127th St.
North Miami, FL 33181

North Ridge General Hosp.
5757 No. Dixie Hwy.
Ft. Lauderdale, FL 33334

North Shore Medical Ctr.
1100 N.W. 95th St.
Miami, FL 33150

Option-Care
635 North Biscayne River Dr.
Miami, FL 33169

Palm Beach Co., Human Svc., Phcy.
909 Evernia St.
West Palm Beach, FL 33401

Parkway Hospital
160 NW 170th St.
North Miami Bch., FL 33162

Pharmacy Dynamics, Inc.
475 N.E. 189th St.
Miami, FL 33179

Plantation General Hospital
401 NW 42nd Ave.
Plantation, FL 33317

Post Haste Surgical and Pharmacy
4401 Sheridan St.
Hollywood, FL 33021

Redi-Dose/Town Drug
2730 Hollywood Blvd.
Hollywood, FL 33020

Broward Family Health Center
1111 W. Broward Blvd.
Ft. Laud., FL 33435

Seacrest Pharmacy
2101 Corporate Dr.
Boynton Bch, FL 33435

South Miami Hospital
7400 S.W. 62nd Ave.
South Miami, FL 33143

So. Park Pharmacy
1533 Madruga Ave.
Coral Gables, FL 33143

Southwest FL Regional Med. Ctr.
3785 Evans Avenue
Fort Myers, FL 33901

St. Francis Hospital
250 W. 63rd Street
Miami Beach, FL 33141

Sunrise Systems, Inc.
10401 N.W. 53rd St.
Ft. Laud., FL 333201

United Prescription Ctr.
4445 Hollywood Blvd.
Hollywood, FL 33021

Veteran's Admin.
11201 N.W. 16th St.
Miami, FL 33125

Villa Maria/Bon Secours Phcy.
1050 N.E. 125th St.
No. Miami, FL 33161

Wellington Regional Hospital
10101 Forest Hill Blvd.
West Palm Beach, FL 33414

West Boca Medical Ctr.
21644 State Road 7
Boca Raton, FL 33428

STUDENT ORGANIZATIONS

Academy of Students of Pharmacy

The Academy of Students of Pharmacy (ASP) is the student branch of America's largest and oldest association of pharmacists, the American Pharmaceutical Association (APhA). This pharmacy organization is also the only one that represents all practice settings and, at present, has more than 10,000 student members attending the 74 schools and colleges of pharmacy across the country. ASP has equal representation within the organization and has its own standing committees on education programs, publications, awards, and policy. At the local level, student members can participate in service projects that benefit both the college and the community as well as social activities that foster school spirit. Any pharmacy student can be a member of ASP and still be eligible for participation in any other campus organization.

Phi Lambda Sigma

The purpose of Phi Lambda Sigma, the national Pharmacy Leadership Society, is to promote the development of leadership qualities in pharmacy, especially among pharmacy students. By peer recognition, the Society encourages participation in all pharmacy activities. Membership crosses fraternal and organizational lines and, therefore, the Society does not compete with any other organization.

Alpha Zeta Omega

Alpha Zeta Omega is a professional Pharmaceutical Fraternity. The main focus of the fraternity lies within the areas of sociability, competition, scholarship, leadership and varied interests in the profession of pharmacy. The SECOP Undergraduate Chapter is known as PSI Chapter.

Kappa Epsilon

Kappa Epsilon's primary objective is to unite women students in pharmacy; to stimulate in its members a desire for high scholarship; to foster a professional consciousness and to provide a bond of lasting loyalty, interest and friendship.

Rho Pi Phi International Pharmacy Fraternity

Rho Pi Phi International Pharmacy Fraternity is a co-ed, non-sectarian, professional pharmacy fraternity. The fraternity was founded with the ideals that a pharmacy fraternity should be open to all pharmacy students regardless of sex, age, race or religion, and it follows those ideals even today. Members of Rho Pi Phi work in various practice settings including hospital, community, government, industry, education, alternative care-settings professional associations, and more.

Class of 1990

(Charter Class)

Raegina L. Aguire, Pompano Beach
Broward Community College

Debra Angelo, Ft. Lauderdale
Broward Community College

Amelia Mercedes Arias, Miami
B.A. - St. Thomas University

Ann Marie Baugh, New York City, NY
A.A. - Dekalb Community College

Regina Bahar, Miami Beach
A.A. - Barry University

Mimi Belinda Borkosky, Ormond Beach
A.A. - University of Florida

Brian Donlevy Bryan, Miramar
B.S. - Howard University

Dina Marie Castellano, Tampa
B.S. - University of Florida

Robert Joseph Colosimo, Coral Springs
B.S. - Florida Atlantic University

Debra Lynn Cook, Temple Terrace
A.A. - University of South Florida

Connie Dubois, West Palm Beach
A.A. - Palm Beach Junior College

Deirdre Ann DuVally, Coral Gables
B.S. - Providence College

Ramon Garcia, Miami
B.S. - Florida International University

Marc Edward Gauthier, Naples
B.S. - Florida State University

Henry Elliot Glick, Deerfield Beach
B.A. - Florida Atlantic University

Maria Josefa Gomez, Miami
B.S. - University of Florida

Simone Mary Greenstein, Plantation
A.A. - Broward Community College

Myrtha D. Jean, Miami
A.S. - Miami Dade Community College
B.S. - Florida International University

Robert Manuel Lamas, Miami
A.A. - Miami Dade Community College

Susan Elaine Mashburn, Miami Lakes
A.A. - Miami Dade Community College

Gloria Mayoz, Temple Terrace
A.A. - University of South Florida

Aida Maria Mendez, Miami
Miami Dade Community College

Lourdes Marie Moenck, Miami Beach
B.A. - Florida International University

Ann Nestor, Coral Gables
A.A. - Miami Dade Community College

Ana Duyos Nin, Miami, FL
D.D.S. - East Central University,

Isabel Polo, Miami Beach
University of Miami

Ilene Portales, Tampa
A.A. - University of South Florida

Blanca Rosa Riveria, Miami
A.A. - Miami Dade Community College

Leah Sakowitz, North Miami Beach
B.A. - Stern College

Geraldine Estevez Scheaffer, North Miami
Florida International University

William Joseph Shaheen, North Miami
Beach St. Thomas University

Michael George Shim, Miami
College of Arts, Science, &
Technology

Dina Marie Shipe, Dunnillon
A.A. - Central Florida Community
College

Maria Teresa Soler, Hialeah
A.A. - Miami Dade Community College

Daisy Souto, Tampa
A.A. - University of South Florida

Russell Karl Stoltman, West Palm Beach
B.A. - Wayne State University

Gina DeAnn Tackett, Plantation
B.A. - Florida Atlantic University

Rafael Alberto Torres, Opa-Locka
Broward Community College

Ram Turizo, North Miami Beach
B.A. - University of South Florida

Ann Marguerite Valenti, Tampa
Florida State University

Walda Vasquez-Pausa, Hialeah
A.A. - Miami Dade Community College

Rosa L. Villaviciencio, Miami
A.A. - Miami Dade Community College

Mark Anthony Youngross, Coral Springs
B.S. - Florida Atlantic University

Class of 1991

Irvin Alfonso - Hialeah Gardens
A.A. - Miami-Dade Community College

Suheir Ashchi - North Miami Beach
Florida International University

Suzanne Bednarek - Miami Beach
B.S. - Northwestern University

Ofelía Brito - Miami
B.A. - St. Louis University

Joseph T. Brown - Hollywood
Miami-Dade Community College

Sharom A. Bujnicki - Pembroke
A.A. - Broward Community College

Sylvia M. Camacho - Hialeah
A.A. - Miami-Dade Community College

Emilia M. Cambo - Hialeah
A.A. - Miami-Dade Community College

Janice M. Cason - Sunrise
A.A. - Florida State University

Murray H. Cohen - Ft. Lauderdale
B.A. - University of Maryland

John Patrick Conn - Opa-Locka
A.A. - Miami-Dade Community College

Rolando A. Croney - Miami
B.A. - St. Thomas University

Andriette C. Cruz - Miami
A.A. - Miami-Dade Community College

William P. English - Sunrise
Broward Community College

Olga M. Estrada - Miami
B.A. - Florida International University

James Fiore - Fort Myers
A.A. - Florida International University

Maria E. Gazzolo - San Salvador, El Salvador
A.A. - Universidad Americana

Michelle Gerard - Naples
A.A. - Eckerd Community College

Anita J. Gillam - Hollywood
B.A. - University of South Florida

Bill Gillespie, Jr. - Tampa
B.A. - University of South Florida

Roberto Gonzalez - Miami
A.A. - Miami-Dade Community College

Fariba J. Hejazi - Palm Beach Gardens
Palm Beach Junior College

Ana M. de la Huerta - Miami
A.A. - Miami-Dade Community College

Mark D. Jewell - Hollywood
B.S. - Ashland College

Patricia A. Jones - Hollywood
B.S. - Florida A & M University

Wan-Ping L. Kam - Tampa
B.A. - University of South Florida

Christine A. Kaminski - Tampa
University of South Florida

Tracy W. Lake - Pompano Beach
A.A. - Dutchess Community College

Belkys Lezcano - Hialeah
A.A. - Miami-Dade Community College

Craig A. Lowry - North Miami Beach
University of Florida

Olga Medina - Miami
B.A. - Florida International University

Hortensia G. Mendez - Hialeah
Miami-Dade Community College

Ivan Moraguez - Miami
Miami-Dade Community College

Lisa A. Norio - Palm Beach Gardens
A.S. - Palm Beach Junior College
A.A. - Palm Beach Junior College/North
Campus

Monica T. Olejnik - Coral Gables
University of Miami

Melissa Anne Paniello - Tampa
A.A. - University of Florida

Sneha B. Patel - Orlando
A.A. - Valencia Community College

Raul L. Pino - Miami Beach
A.S. - Miami-Dade Community College
B.S. - University of Miami

Carol G. Raschke - Miami
Florida International University

Julia L. Rebmann - Plantation
A.A. - Broward Community College
B.S. - Florida Atlantic University

Sharon R. Reizner - Miami
Florida International University

Charles T. Robertson - Pompano Beach
B.S. - Virginia Polytechnic Institute &
State University

Jose A. Rodriguez - Fort Lauderdale
A.A. - Broward Community College

Satpal Sautman - Hollywood
Broward Community College

Janine F. Scarborough - Sarasota
B.A. - Emory University

Nina A. Schleifman - Greensboro, N.C.
University of North Carolina

Lori A. Schuster - Hollywood
A.A. - Broward Community College

Matthew J. Sikler - Plantation
Broward Community College

Ference A. Sipos - Pembroke Pines
University of Miami

Dorinda Sotes - Hialeah
A.A. - Miami-Dade Community College

Tova Strauss - Coral Springs
B.A. - Hunter College

Jodi L. Visi - Boca Raton
B.S. - West Liberty State College

David N. Weinberg - Lake Worth
A.S. - Palm Beach Junior College

Barbara M. Wing - Tampa
A.A. - University of South Florida

Jorge L. Zuloaga - Miami Beach
A.S. - Miami-Dade Community College

Class of 1992

Idomo Cynthia Akamune -

North Miami Beach

B.S. - University of Benin

Marc Alexander - North Miami Beach

Florida International University

Stanley Alli - North Miami

B.A. S.U.N.Y.-Buffalo

Adelina Alvarez - Hialeah

A.A. - North Dade Community College

Khodayer Amin - Miami

A.A. - Miami-Dade Community College

Noel Auerbach - North Miami Beach

Florida International University

Elena Marie Avello - Coconut Creek

Broward Community College

Rickey Barnes - Miami

B.S. - Florida A&M University

Christi Branch - Fort Lauderdale

Broward Community College

Uyen-Ly, Bui - Plantation

University of Florida

Gerald Buller - Warner Robins, GA

A.A. - Macon College

Charlyn C. Chen - Vero Beach

Florida Atlantic University

John T. Connors - Ft. Lauderdale

A.A. - Gloucester County College

B.S. - Glasboro State College

Sharon Cretsinger - Punta Gorda

Edison Community College

Yehia Dallal - Deerfield Beach

Broward Community College

Bela Dattani - Orlando

A.A. - Seminole Community College

Gary DiPatrizio - Miami

University of South Florida

Hayden Durhan - Fort Lauderdale

A.A. - Broward Community College

Hessam Sam Eftekhart - Miami

Miami Dade Community College

Prince Ellis - Miami

A.A. - Miami Dade Community College

Steven Flamenbaum - Hallandale

Broward Community College

Michael Meadows Gustin - Satellite Beach

A.A. - Brevard Community College

Barbara Gup - Hollywood

B.S. - Old Dominion University

Patrick Haro - Pembroke Pines

A.A. - Broward Community College

Enrique Hernandez - Miami

A.A. - Miami Dade Community College

Lisa Dawn Heslin - Miramar

Broward Community College

Steffie Hoff - Pembroke Pines

A.S. - St. Petersburg Junior College

Charles Howe, III - Miami

B.S. - University of Miami

Lily Hui - Miami

A.S. - Miami-Dade Community College

B.S. - Barry University

John Emery Hyman - North Lauderdale

A.A. - Shoreline Community College

B.S. - University of Washington

Arash Jabbari - Miami

Miami Dade Community College

Robina Janota - Boca Raton

Florida Atlantic University

Pedro Jimenez - Miami

Florida International University

Bossy Joseph - Cooper City
B.S. - University of Kerala
M.S. - University of Kerala

Mercy Joseph - Bartow
A.A. - Polk Community College

Zaki Ahmed Kahn - West Palm Beach
B.S. - University of Karachi
M.B.A. - College of Palm Beaches

Kenneth Michael Kilby - Lantana
A.A. - Palm Beach Community College

Gregg Koff - Fort Lauderdale
A.A. - University of Florida
B.S. - University of Florida

Dana Koller - Hollywood
A.A. - Pasco Hernando Community College
B.A. - University of Florida

David N. Krechel, III - Miami
B.S. - University of Miami

Gisselle Lambert - Hialeah
A.A. - Miami Dade Community College

Kathia Ledford - Boynton Beach
B.S. - University of Florida

Susan Lee - Hialeah
A.A. - Miami Dade Community College

Hiriti Maasho - Miami
A.A. - Miami Dade Community College

Karen Denise McLin - Plant City
A.A. - Hillsborough Community College

Joy John Marcus - North Miami
A.A. - Anderson Junior College
B.S. - University of South Carolina
M.S. - St. Thomas University

Rosanne Martino - Tampa
A.A. - Hillsboro Community College
B.S. - University of South Florida

Reema Mehta - Boca Raton
A.A. - Palm Beach Junior College

Jacqueline Milton - Largo
A.A. - St. Petersburg Junior College

Thomas Mobley - Margate
B.A. - University of Southern Florida

Ana Lourdes Morales - Miami Beach
Miami Dade Community College

Ana Laura Morfa-Belaval - Hollywood
A.A. - Broward Community College

Margarita Navarrete - Miami
Florida International University

Dolores Orol - North Miami Beach
A.A. - Broward Community College

Marie Osteen - Davie
A.A. - Broward Community College

Robin Oxley - Virginia Gardens
A.A. - University of Florida

Christopher Past - Goshen, KY
B.A. - University of Louisville

Maria Perez-Arias - Miami
A.A. - Miami Dade Community College

Tapanika Pongsivapai - North Miami Beach
Miami Dade Community College

Jeffrey Quedado - Jacksonville
B.S. - Florida State University

Laura Raymond - Coral Springs
A.A. - Broward Community College

B.S. - Florida State University

Hilerie Robertson - Hollywood
Broward Community College

Suzette Robine - Cape Coral
A.A. - Edison Community College

John Paul Rowley, II - Ft. Myers
University of Florida

Soha Salami - Miami
A.A. - University of Florida

Denise Schmitt - Boca Raton
Catholic University of America

Robert Schwartzman - Hallandale
B.A. - Emory University

Michelle Spitler - Ft. Pierce
A.A. - Hillsborough Community College

Robin Stewart - Ft. Myers
A.A. - Edison Community College

Andrea Texiera - Coral Springs
A.A. - Florida State University

Caterina Tremblay - Fort Lauderdale
B.S. - Florida International University

David Richardson Upson - Ft. Myers Beach
A.A. - Edison Community College

Mukesh Vakharia - Cooper City
B.S. - University of Bombay

Sheela Georgy Varughese - Sunrise
B.S. - University of Kerala

Richard Weiner - Lake Worth
A.A. - Palm Beach Community College

B.A. - Florida Atlantic University

Jeffrey Wilhelm - Gainesville
A.S. - Santa Fe Community College

A.A. - Santa Fe Community College

Richard Williams - Miami
B.S. - Morris Brown College

Armando Wong - Miami
A.A. - Miami Dade Community College

B.S. - University of Miami

Charles Zuza - Hollywood
Broward Community College

CLINICAL AFFILIATE FACULTY

College of Pharmacy

Acosta, Maria C., *B.S., Pharm.D.*
 Alvarez, Goar, *B.S.*
 Aresty, Pat, *B.S., Pharm.D.*
 Aresty, Jeff, *B.S., Pharm.D.*
 Armayor, Graciela, *A.A., Pharm.D.*
 Aviles, Acela, *B.S., Pharm.D.*
 Barmann, David, *B.S., Pharm.D.*
 Barnhart, Margie Robinson, *B.S., M.P.H.*
 Barone, Louis, *B.S.*
 Bastanzuri, Rosa, *B.S.*
 Becks, Lewis, *B.S.*
 Behar, Eugenia, *Pharm.D., M.S.*
 Brown, Bob, *B.S.*
 Burstad, Rich, *B.S.*
 Caldwell, Richard D., *B.S., M.S.*
 Castro, Maria, *B.S.*
 Cheiken, Howard, *B.A., M.A., B.S.*
 Childress, Lin, *A.A., B.S., Pharm.D.*
 Clark, John, *B.S., M.S., Pharm.D.*
 Copolla, John, *B.S., M.S.*
 Del Vecchio, Rafaella, *B.S., M.P.A., M.B.A.*
 Del Vecchio-Feinberg, Gilda Jo, *B.S., M.S.*
 Diaz, Art, *B.S.*
 Drelich, Iris, *B.Sc., M.Ed., B.S.*
 Drill, David, *B.S.*
 Eger, Ydeli, *B.S.*
 Eger, Paul, *B.S.*
 Ehrlick, Dave, *B.S., M.B.A., M.H.A.*
 Ekmal, Farag, *B.S.*
 Ellington, Thomas, *B.S., Pharm.D.*
 Faber, Elisabet, *B.S., Pharm.D.*
 Fishman, Robert, *B.S.*
 Francis, Eugene, *B.S., Pharm.D.*
 Franko, Tom, *B.S., M.S.*
 Freeman, Stanley, *B.S., M.S., Pharm.D.*
 Gilman, Jamie, *B.S., Pharm.D.*
 Godin, Robert, *B.S.*
 Greely, Julie, *B.S., Pharm.D.*
 Gutierrez, Raysa, *B.S.*
 Hatfield, Donald, *B.S., B.S., M.A.*
 Hill-Simmons, Brenda, *A.A., B.S.*
 Hodus, Marc, *B.S.*
 Hunt, David, *B.S.*
 Hunter, Jr., Horace, *B.S.*
 Jimenez, Mayra, *B.S., Pharm.D.*
 Johnson, Bentley, *B.S., M.S.*
 Johnson, Philip, *B.S., M.S.*
 Kahan, Brian, *B.S.*
 Katz, Alan, *B.S.*
 Katz, Larry, *B.S.*
 Kaye, Jonas, *B.S., Pharm.D., Ph.D.*
 Klalo, Joseph, *B.S., R.Ph.*
 Knee, Allan, *B.S.*
 Koptowsky, Joseph, *B.S., M.S.*
 Laveroni, Dennis, *B.S., Pharm.D.*
 Lefkowitz, Sheldon, *B.S., M.S.*
 Lipman, Steve, *B.A., B.S., Pharm.D.*
 Little, Martha, *B.S.*
 Lopez, Ana Mari, *Pharm.D.*
 Lopilato, Constantine, *Ph.G.*
 Lopresti, Sue, *B.S., M.B.A.*
 Mace, David L., *B.S., J.D.*
 Mahler, Seth, *B.S.*
 Martin, Mel, *B.S., M.B.A.*
 McCartney, Julie, *B.S.*
 McCormick, Amy, *B.S., Pharm.D.*
 McGaw, Pamela, *B.S., Pharm.D.*
 Meyer, Ed, *B.S.*
 Milder, Harry, *B.S.*
 Miller, Ed, *B.S., B.S.*
 Minot, Richard, *B.S., M.S.*
 Montelongo, Pablo, *B.S.*
 Mora, Juan, *B.S.*
 Morales, Marlene, *B.S., Pharm.D.*
 Morris, Stu, *B.S., M.B.A.*
 Nee, Doug, *B.S., M.S.*
 Oberlin, E. R., *B.A., B.S.*
 Orndorff, Wayne, *B.S.*
 Osterberger, David, *B.S., Pharm.D.*
 Parness, Marc, *B.S., M.B.A.*
 Patane, Debbie, *B.S.*
 Perez, Rafael P., *A.A., B.S.*
 Piescinski, Lynn, *B.S.*
 Pollack, Lynn, *B.S.*
 Prier, Lemorris, *Pharm.D.*
 Proctor, Richard, *B.S., Pharm.D., M.B.A.*
 Propst, Ed, *B.S.*
 Pumariega, Cesar, *B.S.*
 Restler, Cliff, *B.S., M.S.*
 Riley, Faith, *B.S.*
 Rohaus, Ron, *B.S.*
 Romero, Olga, *A.A., B.S.*
 Rosenblum, Andrea, *B.S., Pharm.D.*
 Rosenzweig, James, *B.S., M.S.*
 Sakowitz, Bruce, *B.S., B.S., Pharm.D.*
 Saleem, Joe, *B.S., Pharm.D.*
 Schmid, James, *A.A., B.S.*
 Scott, Joseph, *B.S., M.H.M.*
 Scott, Joe, *B.S., Pharm.D.*
 Seadon, Susan, *B.S.*
 Ser, Jan, *B.S., M.B.A.*
 Shackelford, Diane, *B.A., B.S., Pharm.D.*
 Sieradzan, Raymond, *B.A., Pharm.D.*
 Sklar, Irwin, *B.S.*
 Sklaver, Lillian, *B.S., Pharm.D.*
 Smith, Bert, *B.S.*
 Stambaugh, Jerry Jean, *B.S., M.P.A.*
 Stamitoles, Michael, *B.S.*
 Tomecko, Bill, *B.S., M.S.*
 Van Lith, Richard, *B.S., B.S., Pharm.D.*
 Vanderbilt, Gary, *B.S.*
 Walden, Steve, *Pharm.D.*
 Walter, Mark, *B.S., M.S.M.*
 Warshofsky, Jerry, *B.S.*
 Watson, Michael, *B.S.*
 Webster, Will, *Pharm.D.*
 Weiner, John, *B.S., B.S., Pharm.D.*
 Weir, Mike, *B.S.*
 Witas, Richard, *B.S., B.S., M.S.*
 Woodall, Sandy, *B.S.*
 Yang, Constance, *Pharm.D.*

College of Optometry





Stewart Abel, O.D.
Dean

College of Optometry

Administration

Stewart Abel, B.S.E., O.D., Dean

LeRoy Diamond, O.D., Assistant to the Dean

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

Marla Frohlinger, B.A., Assistant Dean for Admissions and Student Affairs

Mary Smith, Registrar

Patrick J. Gorman, B.S.H.A., Director of Student Financial Aid

Jeffrey Schneider, M.B.A., C.P.A., Director of Finance

Elliot S. Schantz, M.B.A., C.P.A., Comptroller

Frank H. Mulick, B.S., Bursar

Robert A. Klobnak, B.A., Director of Communications

Emil L. Todaro, B.A., D.O., Executive Director of Development

Ronald Oldano, B.S., Director of Development

Robert M. Rich, B.A., M.A., Ph.D., M.L.S., Library Director

Royal Flagg Jonas, B.S., J.D., Legal Counsel

Optometry

One of man's most precious gifts is sight. An optometrist through academic and clinical training learns to diagnose, treat and prevent problems of the visual system — maintaining this gift of life. Optometry is an expanding profession that offers many career opportunities to those willing to study, work hard and assume the responsibilities of a primary health care professional.

Today's optometrists practice in large and small communities throughout the nation, either as individuals or at clinics and hospitals. They also take part in teaching, research and public health. As the newest and only school in Florida, the Southeastern College of Optometry will prepare students to treat multiple vision disorders, which shall include an understanding of visual information processing, ocular anatomy and physiology.

The Southeastern College of Optometry is the newest division of the Southeastern University of the Health Sciences, sharing a campus with the Southeastern College of Osteopathic Medicine and the Southeastern College of Pharmacy. After learning that both the Florida Optometric Association and the American Optometric Association supported the creation of an optometry school in Florida, Southeastern University officials appointed a task force to explore the possibility of forming an optometry school.

They researched and identified a need for a new optometry school in the state. In the Fall of 1988, the University's Board of Governors voted in favor of an optometry school and in Dec. 1988, the State Board of Independent Colleges and Universities approved the organization of a new school.

The goal of the Southeastern University of the Health Sciences is to establish a multidisciplinary health professions campus that through faculty and student interaction will make the University more than just the sum of its parts.



ACADEMIC CALENDAR

1989-90

FALL SEMESTER

Sunday, August 20, 1989	Orientation & registration for full-time students
Monday, August 21, 1989	Full-time classes begin at 9:00 a.m.
Monday, September 4, 1989	Labor Day, No Classes
Wednesday, November 23, 1989, 5:00 P.M.	Thanksgiving Recess Begins
Wednesday, November 27, 1989, 9:00 A.M.	Classes Resume
Friday, December 8, 1989, 5:00 P.M.	Classes End
Monday, December 11, 1989	Final Exams Begin
Tuesday, December 19, 1989, 5:00 P.M.	Winter Recess Begins

SPRING SEMESTER

Monday, January 8, 1990	8:00 A.M. Registration of full-time students 9:00 A.M. Full-time Classes begin
Monday, February 19 1990	President's Birthday, No Classes
Friday, April 13, 1990, 9:00 A.M.	Spring Recess Begins
Monday, April 23 1990, 9:00 A.M.	Classes Resume
Friday, May 4, 1990, 5:00 P.M.	Classes End
Monday, May 7, 1990, 8:00 A.M.	Final Exams Begin
Tuesday, May 15, 1990	Second Semester Ends

ACADEMIC CALENDAR

1990-91

FALL SEMESTER

Tuesday, August 14, 1990	Orientation & registration for full-time students
Wednesday, August 15, 1990	Full-time classes begin at 9:00 A.M.
Monday, September 3, 1990	Labor Day, No Classes
Wednesday, November 21, 1990	6:00 P.M. Thanksgiving Recess Begins
Monday, November 26, 1990	8:00 A.M. Classes Resume
Friday, December 14, 1990	6:00 P.M. Classes End
Monday, December 17, 1990	Final Exams Begins
Saturday, December 22, 1990	Winter Recess Begins

SPRING SEMESTER

Monday, January 7, 1991	Registration of full-time students. Full-time classes begin at 9:00 A.M.
Monday, February 14, 1991	President's Birthday -No Classes
Friday, March 29, 1991	5:00 P.M. Spring Recess Begins
Monday, April 8, 1991	9:00 A.M. Classes Resume
Friday, May 10, 1991	6:00 P.M. Classes End
Monday, May 13, 1991	8:00 A.M. Final Exams Begin
Friday, May 17, 1991	10:30 P.M. Second Semester Ends

Requirements for Admission

The College of Optometry selects students based on pre-professional academic performance, Optometry Admission Tests (OAT) scores, personal interviews, written application and letters of reference. All are described below.

Prior to matriculation, applicants must have completed a minimum of 90 hours of specified course work and a baccalaureate degree at an accredited college or university with a creditable grade point average. The College will seek students with superior G.P.A.'s and quality OATs.

The courses shall include the following required subjects:

Biology — 8 semester hours, including laboratory.

General Chemistry — 8 semester hours, including laboratory.

Organic Chemistry — 4 semester hours, including laboratory.

Physics — 8 semester hours, including laboratory.

Microbiology — 3 semester hours, including laboratory.

Calculus — 3 semester hours.

Statistics — 3 semester hours.

English — 6 semester hours.

Psychology — 6 semester hours.

Social and Behavioral Sciences — 8 semester hours.

There is no requirement that a student must major in a specific area. Students are encouraged to select their undergraduate curriculums according to their own interests with a view toward educating themselves to function as professionals in an ever-increasing complex society.

Application Procedures

The admissions office will begin processing applications (rolling admission) immediately for the class entering in the Fall of 1990. The application form and a fee of \$50.00 must be received no later than May 15 in order to be considered for admission for September, 1990.

A complete application is required before an applicant can be considered for admission. A complete application includes the application form with a recent photograph, application fee, a complete set of official transcripts, the Optometry Admission Test (OAT), letters of recommendation (or composite evaluation), and an interview.

The Office of Admissions accepts applicants year round. Students may be called in at any time for interviews and/or requests for additional information.

LETTERS OF RECOMMENDATION

An evaluation by a pre-professional health advisor or committee is required from the applicant's undergraduate institution. If this form of recommendation cannot be provided, three individual letters of recommendation are required from undergraduate instructors: two from science instructors and one from another Liberal Arts instructor. If possible, these letters should be from faculty members who are knowledgeable about the applicant's scholastic abilities and personal characteristics; otherwise, they should be from persons who can provide pertinent information to the Admissions Committee about these areas.

A letter of reference from an Optometrist is highly recommended and will enhance the applicant's opportunity of being accepted. It is not required, however.

TRANSCRIPTS

Official transcripts of all work attempted at all colleges and universities must be forwarded, by the institutions attended, to the College of Optometry Admissions Office. It is the responsibility of the applicant to ensure that arrangements are made for these transcripts to be sent. A final transcript, covering all the applicant's work, must be forwarded to the admissions office prior to matriculation.

INTERVIEW

All admitted candidates must have been interviewed at the College of Optometry. Not all applicants will be interviewed but those who are will be notified of the date and time of interview by the admissions office. Even though no student will be admitted without an interview, being granted an interview is not a guarantee of admission to the college.



Accreditation

The Doctor of Optometry program at the Southeastern University of the Health Sciences College of Optometry has received pre-candidate "reasonable assurance" accreditation from the American Optometric Association's Council on Education. The AOA Council on Education is the accrediting body for programs in colleges and/or schools of optometry in the United States. Granting of "reasonable assurance" status brings no rights or privileges of accreditation to the institution until all requirements are met. "Reasonable Assurance" status is the first of several steps a new college of optometry must take to reach full accreditation. After the school passes the required steps as outlined by the AOA Council of Education, it will receive full accreditation.

All professional schools and/or colleges, whether it be optometry, pharmacy or medicine, become accredited upon graduation of the first class.

Additional information can be obtained from the Southeastern University of the Health Sciences admissions office.

Tuition and Fees

The Board of Governors has established the following tuitions and fees. (Note that tuition and fees are subject to change at any time at the discretion of the Board of Governors):

1. Tuition — \$8,600.00 for 1989-90 and 1990-91 academic years for Florida residents and \$12,500.00 for residents of all other states.
2. Acceptance Fee — \$500.00. This fee is required to reserve the accepted applicant's place in the entering first year class. This advance payment will be deducted from the tuition payment due on registration day but is not refundable in case of withdrawal. It is payable within two weeks of the applicant's acceptance.
3. Pre-registration Fee — \$500.00. This is due June 1, under the same terms as the Acceptance Fee.

The year's tuition and fees, less the \$1,000.00 previously paid, are due on or before Registration Day. Students will not be admitted until their financial obligations have been discharged.

The financial ability of applicants to complete their training is important, because of the limited number of positions available in each class. Applicants should have specific plans for financing four years of professional education. This should include provision for tuition, living expenses, books and equipment, travel and miscellaneous expenses.

It is strongly suggested that each student carry adequate personal, medical and hospital insurance. Students may avail themselves of the hospitalization insurance plan obtainable through the College.

Financial Aid

The primary purpose of the Student Financial Aid Program at the Southeastern University College of Optometry is to help as many qualified students as possible attend and complete optometry school.

All sources of financial aid, scholarships and loans listed in this section are summarized briefly due to the constantly changing requirements, fund availability and interest levels. The financial administrator monitors all revisions in these programs and maintains a current status file on each. For further information on any of the following programs, please contact the Financial Aid Officer.

Federal Programs

Stafford Student Loan

Supplemental Loan

Health Education Assistance Loan

Maximum Annual Award

\$7,500

\$4,000

\$20,000

The Stafford Student Loan is a fixed interest federally subsidized loan.

The Supplemental Loan is a variable interest unsubsidized loan.

The Health Education Assistance Loan is a variable interest unsubsidized loan.

College of Optometry Scholarship

The College of Optometry Scholarship for under-represented minorities in Optometry is a full tuition scholarship. To be eligible, applicants must be U.S. citizens, permanent residents, and residents of the State of Florida and must be in a minority group considered by University administrators to be under-represented in the State of Florida. Other qualifications are academic merit, financial needs, practice goals and demonstrated personal abilities.

Private Programs

The Professional Education Program, a private alternative loan program, loans a student up to \$7,500 annually, or up to \$20,000 annually with a credit-worthy co-applicant.

Requirements For Graduation

In order to be eligible for the degree of Doctor of Optometry, each student shall:

- a) Be at least twenty-one years of age.
- b) Be of good moral character.
- c) Have satisfactorily passed all prescribed examinations.
- d) Have satisfactorily completed the program of study required for the degree, including all assignments.
- e) Have satisfactorily discharged all financial obligations.
- f) Take Parts I and II of the National Board Examination.
- g) Attend in person the commencement program at which time the degree is conferred.
- h) Have been a student in an optometric college for at least four academic years.

Course of Study

The Professional curriculum consists of nine different academic units. These are Community Health Optometry, Health Sciences, Optics, Pediatric Optometry, Primary Optometry, Rehabilitative Optometry, Vision Sciences, Environmental Optometry and Clinic.

COMMUNITY HEALTH OPTOMETRY

In the first two years the principles of epidemiology and health delivery systems are studied. Later, emphasis is on the organization of delivery of optometric services, practice administration and vision health education.

HEALTH SCIENCES

Students will extend their undergraduate mastery of biological science and chemistry to the functions of the visual system and ocular and general pathology.

OPTICS

The principal function of optics is to provide students with a comprehensive knowledge of image formation and the methodology of image analysis, including modern analysis by way of the "modulation transfer function". Students learn to understand the physical basis for light and the elements of radiometric quantity. They obtain a qualitative understanding of lasers, static and dynamic fiber optics systems, and other developments in modern optics.

PEDIATRIC OPTOMETRY

This section addresses those aspects of vision care that pertain specifically to children. Major topics include modification of standard clinical procedures and practices to accommodate the very young patient.

PRIMARY OPTOMETRY

The primary optometry curriculum begins during the first professional year, when students are given lecture, laboratory and clinical instruction in procedures involved in conducting an optometric examination. During the second year, students receive instruction in the diagnosis and treatment of anomalies of vision and begin to examine patients in the college's out-patient clinic. In the third year experience is gained by caring for children as well as geriatric patients, and in the fields of contact lens fitting and vision training. During the fourth year students are encouraged to accept broader responsibilities in the diagnosis and treatment of a wide variety of optometric problems.

REHABILITATIVE OPTOMETRY

This tract is concerned with the body of knowledge needed to examine, diagnose, and treat those with unique visual problems which require significant rehabilitative effort beyond conventional refraction.

VISION SCIENCES

The study of vision sciences concerns non-patient related aspects of optometry. The principal goals are to provide students with an awareness and understanding of the scientific method and an in-depth general knowledge which the public has a right to expect from a practicing professional.

ENVIRONMENTAL OPTOMETRY

Environmental vision applies the knowledge of physiological optics to the visual environments of individuals or groups to enhance visuo-motor performance as well as ocular safety, comfort and general efficiency in seeing.

CLINIC

The student's clinical experience will be enhanced through the college's clinics throughout South Florida. These clinical locations will allow the students to apply their base knowledge in actual clinical settings under the direction of clinical faculty.

EXTERNAL EDUCATION PROGRAM

The External Education Program provides fourth-year professional optometry students with clinical learning experience in multidisciplinary community health facilities serving communities in need of optometric services.

CURRICULUM OUTLINE

FIRST YEAR, FIRST SEMESTER

Course	Lec.	Lab.
Human Histology & Embryology	2	1
Human Anatomy & Physiology	4	2
Biochemistry	3	0
Geometric Optics	4	3
History, Legal, Ethical Aspects of Optometry	2	0
Ocular Microbiology/Immunology	2	0
	17	6
TOTAL HOURS		23

FIRST YEAR, SECOND SEMESTER

Course	Lec.	Lab.
Gross Anatomy of the Head/Neck/Ocular Anatomy (First Nine Weeks)	4	6
Neuroanatomy/Ocular Anatomy (Second Nine Weeks)	4	6
Pathophysiology & Genetics	3	0
Physical Optics	3	3
Ocular Physiology	2	2
	12	11
TOTAL HOURS		23

SECOND YEAR, FIRST SEMESTER

Course	Lec.	Lab.
Ophthalmic Optics I	2	2
Visual Optics	2	0
General Clinic I	1	6
Psychophysics and Monocular Sensory Vision	2	2
General Pharmacology	3	0
Ocular Disease I (Lid and Anterior Seg)	3	0
Patient Communication, Record Keeping, Standards of Care, Liability	2	0
	15	10
TOTAL HOURS		23

SECOND YEAR, SECOND SEMESTER

Course	Lec.	Lab.
Ophthalmic Optics II	2	2
General Clinic II	1	6
Binocular Vision	3	2
Ocular Motility	2	2
Ocular Pharmacology I	3	0
Ocular Disease II (Vitreous, Retina, Choroid)	3	0
	14	12
TOTAL HOURS		26

SECOND YEAR, SUMMER TERM

Course	Lec.	Lab.
Primary Care Clinic	0	16
Special Clinical Procedures	1	2
Pediatric Optometry	3	0
	<hr/>	
	4	18
TOTAL HOURS		22

THIRD YEAR, FIRST SEMESTER

Course	Lec.	Lab.
Primary Care Clinic II	0	16
Anomalies of Binocular Vision I	2	2
Contact Lenses I	2	2
Ocular Disease III (Neuro-Optometry, Oncology, and Radiology)	3	0
Ocular Pharmacology II	3	0
Developmental Vision & Learning Disorders	2	0
Epidemiology & Public Health	3	0
	<hr/>	
	15	20
TOTAL HOURS		35

THIRD YEAR, SECOND SEMESTER

Course	Lec.	Lab.
Primary Care Clinic III	0	16
Anomalies of Binocular Vision II	2	2
Contact Lenses II	2	2
Ocular Disease IV (Ocular Manifestations of Systemic Diseases)	3	0
Medical Diagnosis	3	0
Low Vision (Vision Rehabilitation)	2	2
Geriatric Optometry	2	0
	<hr/>	
	14	22
TOTAL HOURS		36

THIRD YEAR, SUMMER TERM

Course	Lec.	Lab.
Primary Care Clinic IV	0	16
Environmental & Sports Vision	3	0
Practice Management I	2	0
	<hr/>	
	5	16
TOTAL HOURS		21

FOURTH YEAR, FIRST SEMESTER

Course

Clinic Seminar
Practice Management II
Primary Care Clinics:
 General Patient Care
 Contact Lens
 Binocular Vision
 (Sports Vision)
 Pediatric
 (Learning Disabilities)
 Low Vision
 Screening

Lec.	Lab.
2	0
2	0
0	12
0	4
0	3
0	3
0	3
0	3
0	3

TOTAL HOURS

4	28
32	32

FOURTH YEAR, SECOND SEMESTER

Course

Clinic Seminar
Dissertation/Selected
 Topics in Optometry
Primary Care Clinic
Secondary Care Clinics:
 Contact Lens
 Ambulatory Surgical/Medical
 Rehabilitative Optometry

Lec.	Lab.
2	0
2	0
0	12
0	6
0	8
0	8

TOTAL HOURS

4	34
38	38

FIFTH YEAR RESIDENCY OPTION

Ambulatory Surgical/Medical
Rehabilitative Optometry



Anatomy

Chairman & Professor: G.R. Conover; **Professors Emeriti:** F.H. Higginbotham, A.C. Higginbotham; **Associate Professors:** L.B. Dribin, G.D. Ericson, D.R. Maurer; **Assistant Professor:** S.F. Simpson

Anatomy I HUMAN ANATOMY AND EMBRYOLOGY

105 Hours

A general overview of histology and embryology with an emphasis on the basic tissues necessary for the understanding of the histology of the eye. Laboratories consist of the study of projected slides and the demonstration of tissues with the light microscope.

Anatomy II HUMAN ANATOMY AND PHYSIOLOGY

105 Hours

An introductory course in anatomy and physiology designed to give the students an understanding of the structure and function of the human body. The course is presented with an organ systems approach. Laboratory work provides a study of cadaver material and physiological experimentation.

Anatomy III GROSS ANATOMY OF THE HEAD AND NECK/OCULAR ANATOMY

82 Hours

A detailed study of the gross structures of the human head and neck, including the eye. Laboratories are dissection of cadavers.

Anatomy IV NEUROANATOMY/OCULAR ANATOMY

65 Hours

A study of the gross structure of the brain and spinal cord and the functional relationships among their parts.

Anatomy V OCULAR PHYSIOLOGY

60 Hours

This course consists of both an introduction to general physiological principles (cellular, membrane translocation, electrophysiology) and a detailed study of ocular physiology. Laboratory experience re-enforces lecture presentations and acquaints students with scientific methods and reasoning.

Biochemistry

Chairman & Professor: K.H. Woodside; **Associate Professor:** E.E. Groseclose; **Assistant Professor:** E.O. Keith

BIOCHEMISTRY

75 Hours

The metabolism of proteins, lipids, nucleic acid and carbohydrates will be emphasized, followed by introduction to the biochemical aspects of visual, digestive, muscular, respiratory and endocrine systems.

Microbiology

Chairman & Professor: H.E. Laubach; **Adjunct Professor:** G. Kucker; **Associate Professor:** H. Hada; **Assistant Professor:** S.D. Obenauf

Microbiology I MEDICAL MICROBIOLOGY/IMMUNOLOGY**45 Hours**

The study of medical microbiology covering Immunology, Bacteriology, Mycology, Parasitology and Virology with emphasis on infectious disease processes involving the eye.

Optics

Chairman & Associate Professor: B. Gilman; **Associate Professor:** W. Abel; **Instructor:** E. Bergman

GEOMETRICAL OPTICS**105 Hours**

The principles of geometric optics will be taught with examples and optometric applications where possible. The course will include study of linear propagation, reflection, refraction, prisms, thin lenses alone and in combination, thick lenses, lens aberrations and some ophthalmic instruments.

PHYSICAL OPTICS**90 Hours**

The optical principles, primarily dealing with wave optics, will be taught with applications, examples and laboratory demonstration. Included will be wave equations, interference, diffraction, polarization, dispersion, photometry, spectroscopy, lasers and holography. Prerequisites: Geometric Optics I.

OPHTHALMIC OPTICS I**60 Hours**

Presentation of Physical and optical characteristics of ophthalmic lenses. Introduction to frame and lens types with respect to nomenclature and available materials. Specification of prescription parameters for ordering, fabrication, and verification of single vision lenses, including prism effects.

VISUAL OPTICS**30 Hours**

This course will consider the eye as an optical system and study the optical and physical characteristics of its components using schematic eye models. Refractive state, dioptics of the eye, retinal image, accommodation and entopic phenomena will also be considered.

OPHTHALMIC OPTICS II**45 Hours**

Design and construction of multi-focal lenses. Provide guidelines for frame and lens choices, alignment and fitting procedures for various prescription requirements. Complete hands-on experience in selecting, ordering, fabricating, fitting and dispensing of spectacles. Optical and physical characteristics of contact lenses.

At the time of this printing, years three and four of the optometry curriculum contents per subject were in development. At the next printing, all course descriptions will be complete. These include those below.

PSYCHOPHYSICS AND MONOCULAR SENSORY VISION**BINOCULAR VISION****OCULAR MOTILITY****ANOMALIES OF BINOCULAR VISION I****ANOMALIES OF BINOCULAR VISION II****LOW VISION (VISION REHABILITATION)**

Optometric Practice

Chairman & Associate Professor: M. McKay; **Professor:** S. Abel; **Associate Professor:** W. Abel;
Clinical Associate Professor: L. Diamond; **Instructor:** M. Bergman; **Clinical Instructor:** R. Horowitz

Optometric Practice I HISTORY, LEGAL, ETHICAL ASPECTS OF OPTOMETRY 30 Hours

The subject matter presented introduces the students to the role Optometry has played in the health care scene; past, present, and in the future. It addresses the ethical, moral, and legal obligations a Doctor of Optometry accepts when entering the field of a health care provider.

Optometric Practice II GENERAL CLINIC**15 Hours**

Anomalies of refraction, optical principles, symptoms and signs measurement by means of keratometry, retinoscopy, biomicroscopy and subjective refraction. Laboratory work included.

Optometric Practice III PATIENT COMMUNICATION, RECORD KEEPING, STANDARDS OF CARE, LIABILITY**30 Hours**

This course deals with the daily, operations of an Optometric practice. Subjects covered will emphasize communications skills, requirements of record keeping associated with state laws, standards for scope of practice and medical/legal aspects of patient care.

Optometric Practice IV GENERAL CLINIC**15 Hours**

Fundamentals of the vision examination, practice in performing diagnostic procedures and observations of their use in clinical practice. Laboratory work included.

At the time of this printing, years three and four of the optometry curriculum contents per subject were in development. At the next printing, all course descriptions will be complete. These include those listed below.

PRIMARY CARE CLINIC I**SPECIAL CLINICAL PROCEDURES (PATHOLOGY)****PEDIATRIC OPTOMETRY****PRIMARY CARE CLINIC II****CONTACT LENSES I****SPECIAL CLINICAL PROCEDURES****DEVELOPMENTAL VISION & LEARNING DISORDERS****EPIDEMIOLOGY & PUBLIC HEALTH****PRIMARY CARE CLINIC III****CONTACT LENSES II****GERIATRIC OPTOMETRY****PRIMARY CARE CLINIC IV****ENVIRONMENTAL & SPORTS VISION****PRACTICE MANAGEMENT I****CLINICAL SEMINAR****PRACTICE MANAGEMENT II****PRIMARY CARE CLINICS V****CLINICAL SEMINAR II****DISSENTATION/SELECTED TOPICS IN OPTOMETRY****PRIMARY CARE CLINIC VI****SECONDARY CARE CLINICS**

Pathology

Acting Chairman & Clinical Associate Professor: G. Weisbaum; **Professor Emeritus:** D.C. Bergmann; **Clinical Associate Professors:** A. Aran, S. Holbrook, L. Lang, III, M.R. Osattin; **Clinical Assistant Professors:** R. Ziegler, J. Mones; **Instructor:** D.A. Russo

COLLEGE OF OPTOMETRY

PATHOPHYSIOLOGY AND GENETICS

**45 Hours Lecture
30 Hours Laboratory**

This general Pathology course will present the student with an introduction to the study of disease. For each organ system covered, special emphasis will be placed on how a particular disease manifests itself in the eye.

OCULAR DISEASE I

45 Hours

(Lid and Anterior Segment)

This course will cover the diagnosis and pharmacological management of corneal and external diseases. Clinical rotations will emphasize treatment modalities.

OCULAR DISEASE II

45 Hours

(Vitreous, Retina)

This course will cover the medical diagnosis and management of disease processes associated with the ocular system in the area of neuropathology, oncology, and radiology.

OCULAR DISEASE III

45 Hours

This course will cover the medical diagnosis and management of diseases processes associated with the ocular system in the area of neuropathology, oncology, and radiology. Medical rotations will emphasize these subjects, i.e., diagnosis and treatment.

OCULAR DISEASE IV

45 Hours

This course will deal with the ocular manifestations of specific systems diseases. It will address the physician's treatment modalities and effects on the ocular system. Clinical grand rounds will aid in inter-disciplinary management of these problems.

MEDICAL DIAGNOSIS

45 Hours

This course will cover the clinical process in the medical diagnosis and treatment of systemic diseases. Exposure to this subject matter will allow the Optometrist to better understand the management of sick patients, and potential ocular complications.

Pharmacology

Chairman & Professor: D. Baeder; **Assistant Professors:** L. Crespo, J. Barakeh

OCULAR PHARMACOLOGY I

60 Hours

OCULAR PHARMACOLOGY II

60 Hours

These two courses are a study of the drugs used in the eye or capable of exerting a pharmacological or toxicological effect on the eye.

COLLEGE OF OPTOMETRY

Class of 1993

(Charter Class)

Maria Adis, Lauderhill
B.S. - Florida State University

Ruth M. Arellano, Miami
A.A. - Chaffey College
B.S. - University of California

Abraham Boutros Awad, Tampa
B.S. - Virginia Polytechnic Institute & State University

Annette Bade, Cliffside Park, NJ
B.A. - Emory University

Robert J. Barnes, Cranford, NJ
B.A. - Pennsylvania State University

Marcus D. Benedetto, Orlando
B.S. - University of Florida
M.S. - University of Florida
Ph.D. - Clayton University

David Neal Brancati, Cape Coral
B.S. - University of Florida

Brian Thomas Burry, Haines City
B.S. - University of Florida

Michael Dean Chesen, North Miami
A.A. - Miami Dade Community College
A.S. - Miami Dade Community College
B.S. - University of Florida

Cheri T. Colagross, Birmingham, AL
B.S. - University of Alabama

Bruce Jay Consor, Dallas TX
A.A. - New York City Technical School
A.S. - Kingsborough Community College
B.A. - Brooklyn College

Alfonso Norman Dowell, Oklahoma City, OK
B.S. - Oklahoma City University

Elvira Gibson, Asheville, NC
B.S. - University of North Carolina
M.S. - Western Carolina University

Leoncio Victor Gonzalez, Tampa
B.A. - University of Florida
B.S. - University of Florida

Muneer Hanna, Jacksonville
Pre-Optometry - Jacksonville University

Victor Angel Higuera, Tampa
A.A. - Daytona Beach Community College
B.A. - University of South Florida

Robert Jacobs, North Miami Beach
Pre-Optometry - Colorado State University

Ralph Joseph Lamberto, Utica, NY
B.A. - S.U.N.Y.

Shahan Manguikan, Oviedo
B.S. - S.U.N.Y. @ Albany

George P. Matherson, Plantation
A.A. - St. John's Community College
A.S. - Miami Dade Community College
B.A. - Florida Atlantic University

Shari Nadira Murray, Tampa
B.S. - University of Florida

William Ralph Porter, Jr., Valrico
A.A. - Hillsborough Community College
B.S. - University of South Florida

Isabelle Agatha Ruszczyk, Jupiter
B.S. - University of South Florida

Christine M. Scrodanus, Saugerties, NY
B.A. - College of St. Rose

Barbara Rita Sponheuer, Tampa
A.A. - Edison Community College
Pre-Optometry - University of South Florida

Jennifer Marie Tasca, Norristown, PA
B.S. - Indiana University of Pennsylvania

Gillian A. Thomas, Miami
B.A. - Emory University
M.P.H. - Florida International University

Ivonne Jeannette Vega, Hialeah
B.A. - University of Puerto Rico

Josephine Alvarez Yared, Jacksonville
O.D. - Southwestern University (Philippines)

University Faculty



Stewart Abel*Professor of Optometric Practice*

- B.S.E. - 1960 - University of Miami
O.D. - 1973 - University of Houston

Wanda S. Abel*Associate Professor of Optometric Practice*

- B.S. - 1959 - University of Miami
O.D. - 1974 - University of Houston

Carmen Aceves-Blumenthal*Assistant Professor of Pharmacy Practice*

- B.S. - 1977 - University of Illinois
M.S. - 1984 - DePaul University

Lee Adler*Clinical Assistant Professor of Internal Medicine*

- B.S., B.Ph. - 1967 - Rutgers College of Pharmacy
D.O. - 1972 - Philadelphia College of Osteopathic Medicine

John A. Agostinelli*Clinical Assistant Professor of General Practice*

- B.S. - 1961 - Duquesne University College of Pharmacy
D.O. - 1965 - Chicago College of Osteopathic Medicine
M.B.A. - 1989 - Barry University

Seymour Alterman*Clinical Professor of Internal Medicine*

- B.A. - 1944 - George Washington University
M.D. - 1947 - George Washington University

Ellen Anmuth*Assistant Professor of General Practice*

- B.A. - 1975 - University of Rhode Island
M.S. - 1977 - State University of New York
M.S.W. - 1982 - Barry University

Anuradha V. Athani*Assistant Professor of Pharmaceutical Practice*

- B.S. - 1982 - University of Bombay
M.S. - 1985 - Duquesne University
Ph.D. - 1988 - Duquesne University

Richard B. Antosek*Clinical Assistant Professor of Surgery*

- B.S. - 1977 - Villanova University
D.O. - 1981 - Philadelphia College of Osteopathic Medicine

George J. Arcos*Instructor, Anesthesiology*

- B.S. - 1979 - University of Florida
D.O. - 1983 - New York College of Osteopathic Medicine

David Baeder*Professor of Pharmacology*

- A.B. - 1948 - Temple University
M.A. - 1949 - Temple University
Ph.D. - 1952 - Temple University

George Bahadue*Clinical Assistant Professor of General Practice*

- B.A. - 1978 - University of Miami
B.S. - 1978 - University of Miami
D.O. - 1982 - Kirksville College of Osteopathic Medicine

Daniel R. Barkus*Professor of Obstetrics and Gynecology*

- B.A. - 1955 - Temple University
D.O. - 1959 - Philadelphia College of Osteopathic Medicine

- Charles C. Barton** *Clinical Associate Professor of Psychiatry*
 B.S. - 1969 - American University
 M.D. - 1973 - Meharry Medical College
- Richard Bennett** *Clinical Instructor, General Practice*
 B.A. - 1975 - University of Michigan
 D.O. - 1987 - Michigan State University College of Osteopathic Medicine
- Robert L. Bentz** *Clinical Assistant Professor, Ophthalmology*
 B.S. - 1974 - University of Notre Dame
 D.O. - 1978 - Philadelphia College of Osteopathic Medicine
- Richard Berger** *Visiting Professor of Internal Medicine*
 M.D. - 1965 - Tulane University
- Manuel Bergman** *Instructor of Optometric Practice*
 B.H.L. - 1943 - Sperdus College, Chicago
 O.D. - 1945 - Illinois College of Optometry
- Donald C. Bergmann** *Professor Emeritus of Pathology*
 B.S. - 1942 - Baldwin-Wallace College
 D.O. - 1945 - Kirksville College of Osteopathic Medicine
 Fellow, College of American Pathologists
- Andrew Bern** *Clinical Instructor, Emergency Medicine*
 B.S. - 1972 - S.U.N.Y. at Stony Brook
 M.D. - 1976 - Downstate Medical Center S.U.N.Y.
 Fellow, American College of Emergency Physicians
- Gregory S. Birse** *Clinical Assistant Professor of Emergency Medicine*
 B.A. - 1967 - University of South Florida
 D.O. - 1971 - Chicago College of Osteopathic Medicine
- Wayne Bizer** *Associate Professor of Ophthalmology*
 A.B. - 1966 - University of Louisville
 D.O. - 1972 - Chicago College of Osteopathic Medicine
- Cyril Blavo** *Assistant Professor of Pediatrics*
 B.S. - 1979 - Abilene Christian University
 M.S. - 1980 - Abilene Christian University
 D.O. - 1984 - Texas College of Osteopathic Medicine
 M.P.H. - 1988 - Tulane University School of Public Health
- Wilbur J. Blechman** *Clinical Associate Professor of Internal Medicine*
 B.S. - 1954 - Yale University
 M.D. - 1958 - Medical College of Virginia
- Julian J. Blitz** *Clinical Associate Professor of General Practice*
 B.S. - 1941 - Long Island University
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine
- Stephen Blood** *Visiting Professor of Osteopathic Principles & Practice*
 B.S. - 1964 - University of Richmond
 D.O. - 1968 - Kirksville College of Osteopathic Medicine
 Fellow, American Academy of Osteopathy
 Fellow, American College of General Practitioners

Richard Bloom*Assistant Professor of Surgery*

- B.A. - 1972 - Arizona State University
M.S. - 1974 - Arizona State University
D.O. - 1978 - Philadelphia College of Osteopathic Medicine

Edgar B. Bolton, Jr.*Clinical Associate Professor of Internal Medicine*

- B.S. - 1965 - Central Michigan University
D.O. - 1969 - Philadelphia College of Osteopathic Medicine
Fellow, American College of Chest Physicians

Paul S. Boyne*Clinical Assistant Professor, Psychiatry*

- M.D. - 1954 - University of London

Leslie G. Brewer*Clinical Assistant Professor of Psychiatry*

- D.O. - 1971 - Kirksville College of Osteopathic Medicine

Carl L. Brumback*Professor Emeritus of Community Medicine*

- A.B. - 1936 - University of Kansas
M.D. - 1943 - University of Kansas
MPH - 1948 - University of Michigan
Fellow, American College of Preventive Medicine

Wayne Burrows*Clinical Assistant Professor, Obstetrics and Gynecology*

- M.D. - 1982 - Medical University of South Carolina

Manuel J. Carvajal*Adjunct Professor of Pharmacy Administration*

- B.A. - 1966 - Florida Atlantic University
M.S.A. - 1969 - University of Florida
Ph.D. - 1974 - University of Florida

James J. Caschette*Clinical Assistant Professor of Otorhinolaryngology*

- B.A. - 1959 - University of Buffalo
D.O. - 1963 - Philadelphia College of Osteopathic Medicine

Martin Casper*Adjunct Associate Professor of Community Medicine*

- B.A. - 1968 - American University
MPH - 1971 - Yale University

Catherine Celestin*Assistant Professor of Pharmaceutical Sciences*

- B.S. - 1977 - St. John's University
Pharm. D. - 1983 - University of Florida

Louis Chaykin*Clinical Associate Professor of Internal Medicine*

- B.A. - 1957 - Temple University
M.D. - 1961 - Temple University
Fellow, American College of Physicians

Philip Christ*Clinical Instructor, Surgery*

- B.S. - 1978 - Ursinus College
D.O. - 1982 - Philadelphia College of Osteopathic Medicine

Edward H. Clouse*Associate Professor of Pharmacy Administration*

- B.S. - 1973 - University of Florida
B.S. - 1977 - University of Georgia
Ph.D. - 1983 - University of Florida

Stanley Cohen*Professor of Humanities*

- B.S. - 1950 - Rutgers University
M.Ed. - 1955 - Temple University
Ed.D. - 1965 - Temple University

- Robert A. Collins** *Clinical Assistant Professor of General Practice*
D.O. - 1967 - University of Health Sciences/College of Osteopathic Medicine
- David Condolucci** *Visiting Assistant Professor, Internal Medicine*
B.S. - 1972 - St. John Fisher
D.O. - 1976 - Philadelphia College of Osteopathic Medicine
M.Sc. - 1976 - Philadelphia College of Osteopathic Medicine
- Gerald R. Conover** *Professor of Anatomy*
B.S. - 1964 - University of Michigan
Ph.D. - 1969 - University of Michigan
- Robert B. Contrucci** *Assistant Professor of Otorhinolaryngology*
B.S. - 1976 - St. John's University
D.O. - 1982 - Philadelphia College of Osteopathic Medicine
- Carlos F. Corrales** *Associate Professor of Internal Medicine*
B.S. - 1966 - University of Miami
D.O. - 1970 - College of Osteopathic Medicine & Surgery
- John Coyle** *Clinical Assistant Professor of Emergency Medicine*
B.A. - 1979 - St. Michael's College
D.O. - 1984 - New England College of Osteopathic Medicine
- Lynn Crespo** *Assistant Professor of Pharmacology*
B.A. - 1980 - Indiana University
Ph.D. - 1985 - S.U.N.Y. Health Science Center
- Barry J. Cutler** *Clinical Associate Professor of Neurology*
B.S. - 1968 - Albright College
M.D. - 1973 - Hahnemann Medical College
- Carlos C. da Camara** *Assistant Professor of Pharmacy Practice*
B.S. - 1981 - Inter-American University of Puerto Rico
B.S. - 1984 - Massachusetts College of Pharmacy
Pharm. D. - 1986 - Massachusetts College of Pharmacy
- Gary Dalin** *Clinical Assistant Professor of Pharmaceutical Sciences*
B.S. - 1973 - St. Louis College of Pharmacy
M.S. - 1974 - Temple University
- Marianne Davenport** *Clinical Instructor, General Practice*
B.S. - 1969 - University of Maryland
P.N.P. - 1975 - University of Virginia
- James Deming** *Assistant Professor, Psychiatry*
B.S. - 1978 - University of Miami
M.D. - 1982 - University of Miami School of Medicine
- Paul E. Derner** *Clinical Assistant Professor of Dermatology*
B.A. - 1967 - Brooklyn College
M.D. - 1971 - New York University School of Medicine
- Lisa M. Deziel-Evans** *Assistant Professor of Pharmacy Practice*
B.S. - 1983 - Mercer University
Pharm. D. - 1984 - Mercer University
- LeRoy Diamond** *Clinical Associate Professor of Optometric Practice*
O.D. - 1951 - Pennsylvania College of Optometry

- Daniel Di Angelis** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1967 - St. Joseph's University
 D.O. - 1978 - College of Osteopathic Medicine & Surgery
- Lori B. Nash Dribin** *Associate Professor of Anatomy*
 B.A. - 1972 - Northwestern University
 M.S. - 1973 - Northwestern University
 Ph.D. - 1975 - Northwestern University
- Yvonne Duffe** *Instructor of General Practice*
 B.S. - 1981 - Florida Southern College
 D.O. - 1985 - Southeastern College of Osteopathic Medicine
- David J. Duncan** *Associate Professor of Otorhinolaryngology*
 D.O. - 1961 - Kirksville College of Osteopathic Medicine
- Scott Duncan** *Clinical Instructor of Obstetrics*
 B.A. - 1977 - Central College
 D.O. - 1980 - College of Osteopathic Medicine & Surgery
- Perry M. Dworkin** *Clinical Professor of Radiology*
 D.O. - 1965 - College of Osteopathic Medicine and Surgery
- Grover C. Ericson** *Associate Professor of Anatomy*
 B.A. - 1964 - North Central College
 M.S. - 1968 - Loyola University School of Medicine
 Ph.D. - 1972 - Loyola University School of Medicine
- James C. Eutzler** *Clinical Associate Professor of Emergency Medicine*
 B.S. - 1971 - Carroll College
 D.O. - 1975 - Chicago College of Osteopathic Medicine
 Fellow, American College of Osteopathic Emergency Physicians
- Oscar Farnati** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1948 - Lyceum M. Eminescu, Roumania
 M.D. - 1954 - University of Cluj, Roumania
- Larry Farmer** *Clinical Instructor, Internal Medicine*
 B.S. - 1971 - University of Dubuque
 D.O. - 1984 - University of Health Sciences /College of Osteopathic Medicine
- Michael Farrell** *Clinical Instructor, Emergency Medicine*
 M.D. - 1975 - University of Liverpool School of Medicine
 Fellow, American College of Emergency Physicians
- Fred F. Farris** *Professor of Pharmaceutical Practice*
 B.S. - 1965 - Central State College of Oklahoma
 Ph.D. - 1971 - Purdue University
- Barry Feingold** *Associate Professor of Emergency Medicine*
 B.S. - 1971 - Temple University
 D.O. - 1975 - Philadelphia College of Osteopathic Medicine
- Arthur Feldman** *Clinical Associate Professor of General Practice*
 B.S. - 1947 - Muhlenberg College
 D.O. - 1951 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of General Practitioners

Israel Feldman *Clinical Professor of Dermatology*
 Ph.G. - 1924 - Philadelphia College of Pharmacy & Science
 D.O. - 1940 - Philadelphia College of Osteopathic Medicine
 Fellow, American Osteopathic College of Dermatology

Robert A. J. Fernandez *Associate Professor of General Practice*
 B.A. - 1976 - City University of New York
 D.O. - 1982 - Michigan State University College of Osteopathic Medicine
 M.P.H. - 1989 - Florida International University

Ira Fialko *Clinical Assistant Professor of Pediatrics*
 B.A. - 1978 - LaSalle College
 D.O. - 1981 - College of Osteopathic Medicine & Surgery

Allan N. Fields *Clinical Associate Professor of Surgery*
 B.S. - 1963 - Fairleigh Dickinson University
 D.O. - 1967 - Philadelphia College of Osteopathic Medicine

Winifred Fill *Clinical Assistant Professor of Emergency Medicine*
 B.A. - 1974 - Boston University
 M.D. - 1983 - University of Miami

Richard Finkel *Assistant Professor of Pharmaceutical Sciences*
 B.S. - 1956 - University of Florida

Daniel M. Finkelstein *Professor of Radiology*
 B.A. - 1943 - New York University
 D.O. - 1946 - Philadelphia College of Osteopathic Medicine

Mark Finkelstein *Adjunct Clinical Instructor of Radiology*
 B.A. - 1976 - University of Miami
 D.O. - 1980 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1985 - Philadelphia College of Osteopathic Medicine

John T. Fischer *Clinical Associate Professor of Obstetrics and Gynecology*
 B.S. - 1950 - University of Notre Dame
 D.O. - 1954 - Chicago College of Osteopathic Medicine

Gary Fishman *Clinical Instructor of Psychiatry*
 B.S. - 1970 - Wayne State University
 D.O. - 1976 - Michigan State University College of Osteopathic Medicine

Walter B. Flesner, III *Clinical Assistant Professor of General Practice*
 B.S. - 1976 - University of Illinois
 M.S. - 1977 - University of Illinois
 D.O. - 1981 - Chicago College of Osteopathic Medicine

Emanuel Fliegelman *Visiting Professor of Humanities*
 B.S. - 1937 - St. Joseph's College
 D.O. - 1942 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Obstetricians & Gynecologists

Jeffrey Fox *Clinical Instructor of Internal Medicine*
 D.O. - 1977 - College of Osteopathic Medicine & Surgery

M. S. Fox *Clinical Associate Professor of General Practice*
 B.S. - 1951 - St. Louis College of Pharmacy
 D.O. - 1956 - Kirksville College of Osteopathic Medicine

Susan Fox*Clinical Instructor of Obstetrics and Gynecology*

- B.A. - 1976 - Florida International University
D.O. - 1979 - College of Osteopathic Medicine & Surgery

Elizabeth Frenzel-Shepherd*Assistant Professor of Pharmacy Practice*

- B.S. - 1980 - Arnold & Marie Schwartz College of Pharmacy
M.B.A. - 1987 - Florida International University

David M. Gazze*Assistant Professor of Pharmaceutical Sciences*

- B.S. - 1980 - University of Pittsburgh
Ph.D. - 1987 - University of Pittsburgh

U. William Geertz*Clinical Assistant Professor, Psychiatry*

- Ph.D. - 1959 - Innsbruck University

Robert H. Gillon*Clinical Associate Professor of Surgery*

- B.A. - 1951 - Temple University
D.O. - 1955 - College of Osteopathic Medicine & Surgery
Fellow, American Osteopathic College of Proctology

Bob Gilman*Associate Professor of Optics*

- B.S. - 1956 - Mississippi State University
M.S. - 1958 - Stanford University
B.S. - 1973 - University of Alabama
O.D. - 1975 - University of Alabama

Eugene L. Gitin*Clinical Associate Professor of Emergency Medicine*

- B.A. - 1956 - Hobart College
M.D. - 1969 - Downstate Medical Center S.U.N.Y.

Cliff M. Glasser*Clinical Assistant Professor of Internal Medicine*

- B.A. - 1974 - S.U.N.Y. Buffalo
D.O. - 1978 - College of Osteopathic Medicine and Surgery

Ronald Goldberg*Visiting Associate Professor of General Practice*

- B.S. - 1954 - Dickinson College
D.O. - 1959 - Philadelphia College of Osteopathic Medicine

Martin J. Goldstein*Professor of General Practice*

- B.A. - 1939 - New York University
D.O. - 1945 - Philadelphia College of Osteopathic Medicine

Jorge A. Gonzalez*Clinical Assistant Professor, General Practice*

- A.A. - 1975 - Miami Dade Community College
B.S. - 1978 - University of Miami
D.O. - 1983 - New Jersey School of Osteopathic Medicine

Jay S. Gottlieb*Clinical Assistant Professor of Otorhinolaryngology*

- B.S. - 1974 - University of Michigan
D.O. - 1977 - College of Osteopathic Medicine & Surgery

Tamer Gozleveli*Instructor of General Practice*

- B.A. - 1977 - Pensacola Junior College
B.S. - 1979 - University of West Florida
D.O. - 1987 - Southeastern College of Osteopathic Medicine

Bertram Grapin*Clinical Assistant Professor, Internal Medicine*

- M.D. - 1961 - Temple University

A. Alvin Greber*Professor of Internal Medicine*

- B.A. - 1954 - University of Pennsylvania
D.O. - 1958 - Philadelphia College of Osteopathic Medicine
Fellow, American College of Osteopathic Internists

Maxwell Greenhouse*Assistant Professor of Osteopathic Principles & Practice*

- B.A. - 1939 - Webster University
D.O. - 1939 - College of Osteopathic Medicine & Surgery
M.S. - 1943 - Kansas University
D.P.H. - 1943 - Kansas University

Jerome A. Greenspan*Clinical Assistant Professor of Surgery*

- B.S. - 1945 - Temple University
D.S.C. - 1949 - Temple University
B.S. - 1950 - Philadelphia College of Pharmacy and Science
D.O. - 1954 - Philadelphia College of Osteopathic Medicine
Fellow, American Osteopathic College of Proctology

Robert Greer, III*Clinical Associate Professor of General Practice*

- B.S. - 1952 - Florida Southern College
D.O. - 1957 - Philadelphia College of Osteopathic Medicine

Robert C. Greer, IV*Clinical Assistant Professor of General Practice*

- B.S. - 1974 - Texas Christian College
D.O. - 1977 - Philadelphia College of Osteopathic Medicine
Fellow, American College of General Practitioners

Edye Elizabeth Groseclose*Assistant Professor of Biochemistry*

- B.S. - 1965 - University of Miami
Ph.D. - 1978 - University of Miami School of Medicine

Alan K. Gruskin*Clinical Assistant Professor of General Practice*

- B.S. - 1977 - Fairleigh Dickenson University
D.O. - 1981 - New York College of Osteopathic Medicine

Dean Guadagna*Clinical Instructor of General Practice*

- B.S. - 1982 - Auburn University
D.O. - 1988 - Southeastern College of Osteopathic Medicine

Duff L. Gula*Associate Professor of Orthopedic Surgery*

- B.A. - 1963 - DePauw University
D.O. - 1968 - Philadelphia College of Osteopathic Medicine

Robert J. Gulner*Clinical Assistant Professor of Ophthalmology*

- B.A. - 1970 - Hunter College
D.O. - 1974 - University of Health Sciences / College of Osteopathic Medicine

Howard Hada*Assistant Professor of Microbiology*

- B.A. - 1974 - University of Texas
M.S. - 1977 - University of Texas
Ph.D. - 1981 - University of Houston

Michael Ham-Ying*Clinical Assistant Professor of General Practice*

- B.A. - 1977 - Oakland College
M.D. - 1981 - Meharry Medical College

Robert S. Hand*Clinical Assistant Professor of General Practice*

- B.S. - 1957 - Columbia University
D.O. - 1968 - College of Osteopathic Medicine & Surgery

- Harvey J. Hanel** *Assistant Professor of Pharmacy Practice*
 B.S. - 1983 - No. Dakota State University
 Pharm. D. - 1988 - No. Dakota State University
- Andrew Hano** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1973 - Northwestern University
 D.O. - 1977 - College of Osteopathic Medicine & Surgery
- Ralph E. Hathaway** *Clinical Assistant Professor of General Practice*
 D.O. - 1964 - University of Health Sciences/College of Osteopathic Medicine
- Daniel Hauser** *Clinical Instructor in Emergency Medicine*
 B.A. - 1970 - Tulane University
 M.D. - 1978 - University of Montpellier School of Medicine
- Anna Hayden** *Clinical Instructor, General Practice*
 B.S. - 1983 - Seton Hall University
 D.O. - 1988 - University of Health Sciences/College of Osteopathic Medicine
- Shirley M. Haynes** *Clinical Assistant Professor of Pediatrics*
 B.S. - 1975 - Tulsa University
 D.O. - 1978 - Oklahoma College of Osteopathic Medicine and Surgery
- Frederico Herrera** *Clinical Assistant Professor of General Practice*
 M.D. - 1947 - University of Havana School of Medicine
- Edward D. Hersh** *Professor Emeritus of Ophthalmology*
 D.O. 1940 - Kirksville College of Osteopathic Medicine
 Fellow, Osteopathic College of Ophthalmology & Otorhinolaryngology
- A. Curtis Higginbotham** *Professor Emeritus of Anatomy*
 B.S. - 1935 - Northwestern University
 Ph.D. - 1939 - Northwestern University
- Frances Higginbotham** *Professor Emeritus of Anatomy*
 A.B. - 1962 - West Virginia University
 M.S. - 1964 - West Virginia University
 Ph.D. - 1966 - West Virginia University
- Robert A. Hoffberger** *Clinical Associate Professor of Surgery*
 D.O. - 1968 - College of Osteopathic Medicine & Surgery
- David G. Hooper** *Clinical Associate Professor of General Practice*
 B.S. - 1963 - Portland State University
 M.D. - 1967 - University of Oregon Medical School
- Bruce S. Horowitz** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1972 - New York Institute of Technology
 D.O. - 1977 - University of Health Sciences/College of Osteopathic Medicine
- Robert Horowitz** *Instructor of Optometric Practice*
 B.S. - 1977 - Pennsylvania College of Optometry
 O.D. - 1981 - Pennsylvania College of Optometry

- James G. Hull** *Clinical Associate Professor of General Practice*
 B.S. - 1948 - Stetson University
 D.O. - 1952 - University of Health Sciences /College of Osteopathic Medicine
- Howard M. Israel** *Clinical Assistant Professor of Psychiatry*
 A.B. - 1964 - Hunter College
 M.A. - 1965 - University of Oklahoma
 Ph.D. - 1970 - University of Montana
- Jeffrey I. Jackson** *Clinical Associate Professor of Radiology*
 B.A. - 1971 - Case Western Reserve University
 D.O. - 1975 - Philadelphia College of Osteopathic Medicine
- Marvin Jaffee** *Clinical Assistant Professor of Internal Medicine*
 D.O. - 1962 - College of Osteopathic Medicine and Surgery
- Edward S. Jaffry** *Associate Professor of Pharmacy Administration*
 B.A. - 1954 - University of Miami
 J.D. - 1957 - University of Miami
- Deanna R. James** *Clinical Instructor of Community Medicine*
 B.A. - 1979 - Smith College
 M.D. - 1983 - Tufts University School of Medicine
- William Jensen** *Clinical Instructor of General Practice*
 B.S. - 1983 - Florida Southern College
 D.O. - 1988 - Chicago College of Osteopathic Medicine
- Audrey M. Johnson** *Clinical Assistant Professor of Pediatrics*
 B.A. - 1974 - Ohio State University
 D.O. - 1980 - Ohio University College of Osteopathic Medicine
- H. Bruce Jones** *Clinical Associate Professor of Psychiatry*
 A.B. - 1960 - Seton Hall University
 M.D. - 1964 - Seton Hall College of Medicine and Dentistry
- J.B. Joye** *Clinical Associate Professor of Psychiatry*
 D.O. - 1953 - Philadelphia College of Osteopathic Medicine
- Steven L. Kanner** *Clinical Instructor of Internal Medicine*
 B.S. - 1975 - Muhlenberg College
 D.O. - 1979 - College of Osteopathic Medicine & Surgery
- Ronald B. Kaufman** *Professor of Internal Medicine*
 B.S. - 1953 - University of Wisconsin
 D.O. - 1957 - Chicago College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Stanley B. Kaye** *Professor of Surgery*
 B.A. - 1949 - University of Arizona
 D.O. - 1954 - University of Health Sciences /College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Edward O. Keith** *Assistant Professor of Biochemistry*
 B.S. - 1975 - Colorado State University
 M.S. - 1978 - Colorado State University
 Ph.D. - 1984 - University of California

Marc M. Kesselman*Instructor of Internal Medicine*

- B.A. - 1978 - University of Miami
D.O. - 1986 - College of Osteopathic Medicine & Surgery

Harold Kirsh*Associate Professor of Proctology*

- D.O. - 1946 - Philadelphia College of Osteopathic Medicine
Fellow, American Osteopathic College of Proctology

William D. Kirsh*Assistant Professor of General Practice and Community Medicine*

- B.S. - 1981 - Florida State University
D.O. - 1985 - Southeastern College of Osteopathic Medicine
M.P.H. - 1987 - John Hopkins University

Rubin Klein*Clinical Professor of Radiology*

- A.B. - 1953 - New York University
M.D. - 1957 - S.U.N.Y. College of Medicine
Fellow, American College of Radiology

Robert A. Klobnak*Professor of Medical Communication*

- B.A. - 1951 - Northwestern University

Richard D. Knapp*Clinical Assistant Professor of Community Medicine*

- B.A. - 1971 - Philadelphia College of Osteopathic Medicine

Francis A. Komara*Associate Professor of General Practice*

- B.A. - 1973 - University of Detroit
D.O. - 1977 - Chicago College of Osteopathic Medicine

George Kotsch*Clinical Associate Professor of Internal Medicine*

- B.S. - 1942 - Pennsylvania Military College
D.O. - 1952 - Philadelphia College of Osteopathic Medicine
Fellow, American College of Osteopathic Internists

Barry M. Krein*Clinical Assistant Professor of Internal Medicine*

- B.S. - 1969 - Adelphi University
D.O. - 1973 - Philadelphia College of Osteopathic Medicine

Richard Kreinest*Clinical Assistant Professor of Obstetrics and Gynecology*

- M.D. - 1982 - University of Cincinnati School of Medicine

Richard A. Kronstadt*Clinical Associate Professor of Obstetrics*

- B.A. - 1965 - Temple University
D.O. - 1969 - Chicago College of Osteopathic Medicine

Michael Krutchik*Clinical Instructor in General Practice*

- B.A. - 1984 - Florida State University
D.O. - 1988 - Southeastern College of Osteopathic Medicine

George Kucker*Adjunct Professor of Microbiology*

- Ph.Ch. - 1930 - Columbia University College of Pharmacy
B.S. - 1933 - New York University
M.D. - 1964 - Bern University
Fellow, American Academy of Family Practice

David Kudelko*Clinical Assistant Professor of Internal Medicine*

- D.O. - 1973 - Kirksville College of Osteopathic Medicine

- Paul E. Kudelko** *Clinical Assistant Professor of General Practice*
D.O. - 1967 - Kirksville College of Osteopathic Medicine
Fellow, American College of Osteopathic Internists
- Peter Lamelas** *Clinical Instructor of Emergency Medicine*
M.D. - 1981 - Universidad Central Del Este School of Medicine
- Louis Lang, III** *Clinical Associate Professor of Pathology*
D.O. - 1968 - Philadelphia College of Osteopathic Medicine
Fellow, College of American Pathologists
- Joseph J. LaPeyra** *Clinical Associate Professor, Psychiatry*
M.D. - 1963 - University of Salamanca
- Richard Laskody** *Clinical Associate Professor of Surgery*
B.S. - 1962 - Purdue University
D.O. - 1968 - Chicago College of Osteopathic Medicine
Fellow, American College of Abdominal Surgeons
- Albert La Torra** *Clinical Associate Professor of Surgery*
B.S. - 1954 - St. Joseph's College
D.O. - 1961 - Chicago College of Osteopathic Medicine
Fellow, American College of Osteopathic Surgeons
- Michael Latterman** *Clinical Instructor of Emergency Medicine*
B.S. - 1977 - Middlebury College
D.O. - 1981 - College of Osteopathic Medicine & Surgery
- Harold E. Laubach** *Professor of Microbiology*
B.S. - 1968 - Southwestern Oklahoma State University
M.S. - 1975 - Oklahoma State University
Ph.D. - 1977 - Oklahoma State University
- Elise R. Leonard** *Clinical Assistant Professor of Ophthalmology*
B.A. - 1974 - New York University
M.D. - 1978 - New York University School of Medicine
- Jonathan B. Leslie** *Clinical Assistant Professor of Internal Medicine*
B.S. - 1972 - University of Miami
D.O. - 1976 - College of Osteopathic Medicine & Surgery
- Peter W. Letendre** *Associate Professor of Pharmacy Practice*
B.S. - 1980 - Massachusetts College of Pharmacy
Pharm. D. - 1982 - Massachusetts College of Pharmacy
- David B. Levine** *Assistant Professor of General Practice*
B.A. - 1966 - Adelphi University
D.P.M. - 1970 - New York College of Podiatric Medicine
D.O. - 1982 - New York College of Osteopathic Medicine
- Cathryn W. Liberson** *Clinical Assistant Professor of Psychiatry*
B.A. - 1960 - Oklahoma City University
M.S. - 1968 - University of Oklahoma
Ph.D. - 1973 - Loyola University of Chicago
- Fred Lippman** *Professor of Community Medicine*
B.S. - 1958 - Columbia College

- David P. Lipson** *Associate Professor of Pharmacy Administration*
 B.S. - 1970 - University of Rhode Island
 M.B.A. - 1975 - Babson College
 Ph.D. - 1980 - University of Iowa
- John W. Lister** *Visiting Professor of Internal Medicine*
 B.S. - 1954 - New York University
 M.D. - 1959 - University of Basel
- Jerry M. Littlefield** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1963 - Georgia Institute of Technology
 D.O. - 1977 - Philadelphia College of Osteopathic Medicine
- Michael A. Longo** *Clinical Professor of Surgery*
 B.S. - 1942 - St. John's University
 D.O. - 1946 - University of Health Sciences / College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Jerold M. Lynn** *Clinical Assistant Professor of Obstetrics and Gynecology*
 B.S. - 1961 - University of Texas
 D.O. - 1965 - College of Osteopathic Medicine & Surgery
 Fellow, American College of Osteopathic Obstetricians and Gynecologists
- H. Jay Lyons** *Professor of Physiology*
 B.S. - 1966 - Brigham Young University
 M.S. - 1968 - Brigham Young University
 Ph.D. - 1973 - University of New Mexico
- Paul Magalian** *Associate Professor of Pharmacy Administration*
 B.S. - 1945 - Rhode Island College of Pharmacy
 B.S. - 1948 - Memphis State University
 C.H.A. - 1955 - University of Georgia
 Ph.D. - 1980 - University of Oxford
- Robert Maliner** *Clinical Assistant Professor of Otorhinolaryngology*
 B.S. - 1956 - Union College
 M.D. - 1960 - Albany Medical College
 Fellow, American Academy of Otorhinolaryngology
- Ferdinand Manilo** *Clinical Professor of Radiology*
 B.S. - 1957 - St. Josephs College
 D.O. - 1961 - Philadelphia College of Osteopathic Medicine
- Donald Marcus** *Clinical Associate Professor of Pediatrics*
 B.A. - 1972 - Washington University
 D.O. - 1976 - College of Osteopathic Medicine & Surgery
- Max Marcus** *Clinical Associate Professor of Pediatrics*
 B.A. - 1942 - Brooklyn College
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine
- Ella J. Marsh** *Clinical Associate Professor of Pediatrics*
 B.S. - 1963 - St. Mary-of-the-Woods College
 D.O. - 1971 - Chicago College of Osteopathic Medicine
- David M. Masters** *Professor of Psychiatry*
 B.S. - 1954 - University of Pennsylvania
 D.O. - 1947 - Philadelphia College of Osteopathic Medicine

- David R. Maurer** *Assistant Professor of Anatomy*
 B.S. - 1972 - University of Pittsburgh
 Ph.D. - 1977 - University of Pittsburgh
- Sarah J. McCullough** *Assistant Professor of Pharmacy Practice*
 B.S. - 1986 - North Dakota State University
 Pharm. D. - 1988 - North Dakota State University
- Malcolm H. McDonald** *Clinical Associate Professor of Surgery*
 B.S. - 1965 - Michigan State University
 D.O. - 1969 - Chicago College of Osteopathic Medicine
- Martha McKay** *Associate Professor of Optometric Practice*
 B.S. - 1981 - Pacific University, Oregon
 O.D. - 1983 - Pacific University, College of Optometry
- Archie McLean** *Clinical Instructor of General Practice*
 A.B. - 1977 - Bowdoin College
 D.O. - 1988 - Southeastern College of Osteopathic Medicine
- Arnold Melnick** *Professor of Pediatrics and Medical Communications*
 A.B. - 1941 - Temple University
 M.A. - 1948 - Temple University
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1953 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Pediatricians
 Fellow, American College of Osteopathic Obstetricians and Gynecologists
- Michael Meloni** *Clinical Instructor of Emergency Medicine*
 B.A. - 1972 - University of Pennsylvania
 M.D. - 1976 - Jefferson Medical College
- Jules G. Minkes** *Clinical Associate Professor of Internal Medicine*
 D.O. - 1962 - Kirksville College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Richard Misischia** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1965 - Kent State University
 D.O. - 1970 - Kirksville College of Osteopathic Medicine
- Christopher Mondello** *Instructor in Osteopathic Principles & Practice*
 B.S. - 1982 - Stetson University
 D.O. - 1988 - Southeastern College of Osteopathic Medicine
- Harris H. Mones** *Clinical Associate Professor of Community Medicine*
 B.S. - 1976 - University of Miami
 D.O. - 1979 - College Of Osteopathic Medicine & Surgery
- Joan Mones** *Clinical Assistant Professor of Pathology*
 B.A. - 1975 - University of California
 D.O. - 1979 - College of Osteopathic Medicine & Surgery
- Gelcys M. Montes de Oca** *Assistant Professor of Pharmacy Practice*
 A.A. - 1983 - Miami Dade Community College
 Pharm. D. - 1987 - University of Florida
- Glenn Moran** *Clinical Instructor of General Practice*
 B.S. - 1982 - Florida Atlantic University
 D.O. - 1988 - Southeastern College of Osteopathic Medicine

Marc Morganstine*Clinical Professor of Community Medicine*

- B.S. - 1965 - Moravian College
D.O. - 1969 - Philadelphia College of Osteopathic Medicine
M.S. - 1979 - Nova University

Morton J. Morris*Professor of Surgery*

- B.A. - 1952 - Temple University
D.O. - 1956 - Kirksville College of Osteopathic Medicine
J.D. - 1981 - University of Miami Law School
Fellow, American College of Osteopathic Surgeons
Fellow, American Osteopathic College of Orthopedics
Fellow, College of American Quality Assurance and Utilization Physicians

David Mosch*Clinical Instructor of General Practice*

- B.S. - 1984 - Westminster College
D.O. - 1988 - Southeastern College of Osteopathic Medicine

Susan Mosler*Clinical Assistant Professor of General Practice*

- B.S. - 1977 - University of Connecticut
M.D. - 1988 - Georgetown University School of Medicine

Ivan G. Murray*Instructor in Radiology*

- B.S. - 1978 - Purdue University
M.D. - 1982 - Tulane University School of Medicine

Charles B. Mutter*Assistant Professor of Psychiatry*

- B.S. - 1954 - University of Miami
M.D. - 1959 - University of Miami School of Medicine

Joseph J. Namey*Professor of General Practice*

- B.S. - 1949 - Theil College
D.O. - 1963 - Kirksville College of Osteopathic Medicine
Fellow, American College of General Practitioners
Fellow, American Osteopathic College of Allergy & Immunology
Fellow, American Osteopathic College of Rheumatology

Shamla S. Narayan*Assistant Professor of Pharmaceutical Sciences*

- B.Pharm. - 1963 - University of Bombay
M.S. - 1966 - Ohio State University
Ph.D. - 1989 - Washington State University

Neil A. Natkow*Professor of General Practice*

- A.B. - 1968 - Indiana University
D.O. - 1972 - University of Health Sciences/College of Osteopathic Medicine
Fellow, American College of General Practitioners

John A. Neily*Clinical Assistant Professor of Surgery*

- B.S. - 1959 - University of Michigan
D.O. - 1963 - Kirksville College of Osteopathic Medicine

Burton M. Nelson*Clinical Assistant Professor of General Practice*

- B.A. - 1962 - University of Miami
D.O. - 1971 - Chicago College of Osteopathic Medicine

Alan A. Netzman*Clinical Instructor of Surgery*

- B.A. - 1976 - Temple University
D.O. - 1980 - College of Osteopathic Medicine & Surgery

- Marvin Newman** *Clinical Assistant Professor of Obstetrics and Gynecology*
 B.A. - 1963 - Rutgers University
 D.O. - 1969 - University of Health Sciences / College of Osteopathic Medicine
 Fellow, American College of Obstetricians and Gynecologists
- Allen Nichol** *Assistant Professor of Pharmacy Administration*
 B.S. - 1974 - Ohio Northern University
- G. Joseph Norwood** *Professor of Pharmacy Administration*
 B.S. - 1962 - Medical College of Virginia
 Ph.D. 1970 - University of Mississippi
- Steven D. Obenaus** *Assistant Professor of Microbiology*
 B.S. - 1977 - Florida Atlantic University
 Ph.D. - 1982 - University of Miami
- Taeho Oh** *Assistant Professor of Pharmaceutical Sciences*
 B.S. - 1980 - Juniata College
 B.S. - 1983 - Ohio State University
 M.S. - 1986 - Ohio State University
- Dennis J.O'Leary** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1971 - Manhattan College
 D.O. - 1977 - Philadelphia College of Osteopathic Medicine
- Robert S. Oller** *Clinical Assistant Professor of General Practice*
 B.A. - 1965 - University of California
 D.O. - 1969 - Kirksville College of Osteopathic Medicine
- Morris R. Osattin** *Clinical Associate Professor of Pathology*
 A.B. - 1944 - Temple University
 D.O. - 1947 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1950 - Philadelphia College of Osteopathic Medicine
 Fellow, American Osteopathic College of Pathology
 Fellow, College of American Pathologists
- Anthony N. Ottaviani** *Clinical Associate Professor of Internal Medicine*
 B.A. - 1964 - Gannon College
 D.O. - 1968 - University of Health Sciences / College of Osteopathic Medicine
- Arthur G. Pappas** *Clinical Assistant Professor of General Practice*
 B.S. - 1952 - Springfield College
 D.O. - 1957 - Philadelphia College of Osteopathic Medicine
- Herbert Pardell** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1954 - New York University
 D.O. - 1958 - Kirksville College of Osteopathic Medicine
- Manuel Perez-Espinosa** *Clinical Associate Professor of General Practice*
 B.S. - 1950 - Instituto de Segunda Ensenanza de Vedado
 M.D. - 1960 - University of Havana School of Medicine
- Robert L. Perraud** *Clinical Associate Professor of General Practice*
 B.S. - 1950 - Kent State University
 D.O. - 1954 - Kirksville College of Osteopathic Medicine

- Marshall Plotka** *Clinical Instructor of Emergency Medicine*
 B.S. - 1976 - Duke University
 M.D. - 1980 - Duke University
- Alvin C. Powell** *Clinical Assistant Professor in Internal Medicine*
 B.A. - 1978 - Columbia University
 M.D. - 1982 - Tufts University School of Medicine
- Bodo E. Pyko** *Clinical Associate Professor of Radiology*
 B.S. - 1963 - Florida State University
 D.O. - 1967 - Kirksville College of Osteopathic Medicine
- Jose R. Quero** *Clinical Instructor of Internal Medicine*
 B.S. - 1979 - Loyola University
 M.D. - 1984 - Rush Medical College
- Charles B. Radlauer** *Clinical Professor of Surgery*
 M.D. - 1961 - George Washington University
 Fellow, American College of Surgeons
- David L. Ragonesi** *Clinical Assistant Professor of Pediatrics*
 B.A. - 1980 - Houghton College
 M.D. - 1984 - University of Rochester School of Medicine
- Elaine Rancatore** *Clinical Instructor of General Practice*
 B.A. - 1980 - Boston University
 M.S. - 1982 - Fairleigh Dickinson University
 D.O. - 1988 - University of Medicine and Dentistry of New Jersey/School of Osteopathic Medicine
- Robert Rappel** *Clinical Associate Professor of Surgery*
 B.S. - 1959 - Fairleigh Dickinson University
 D.O. - 1962 - Kirksville College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Michael A. Ravitsky** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1969 - Delaware Valley College
 D.O. - 1973 - University of Health Sciences/College of Osteopathic Medicine
- Melvyn Rech** *Professor of Surgery*
 A.B. - 1960 - Temple University
 D.O. - 1965 - Kirksville College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
 Fellow, American Osteopathic College of Orthopedics
- Daniel R. Reider** *Associate Professor of General Practice*
 B.S. - 1949 - Rutgers University
 D.O. - 1955 - Chicago College of Osteopathy
- Sidney R. Rente, Jr.** *Clinical Professor of Radiology*
 B.A. - 1951 - Albion College
 D.O. - 1955 - Philadelphia College of Osteopathic Medicine
- Eric Rentz** *Assistant Professor of Osteopathic Principles & Practice*
 B.S. - 1979 - University of Iowa
 D.O. - 1985 - Kirksville College of Osteopathic Medicine

- Dwight Reynolds** *Clinical Assistant Professor of Emergency Medicine*
 B.S. - 1974 - Michigan State University
 M.D. - 1978 - Michigan State University College of Human Medicine
- Marc Rosenblatt** *Clinical Assistant Professor of General Practice*
 B.A. - 1977 - New York University
 D.O. - 1980 - College of Osteopathic Medicine & Surgery
- Morton Rosenbluth** *Clinical Associate Professor of Community Medicine*
 B.A. - 1943 - New York University
 D.D.S. - 1946 - New York University College of Dentistry
 Fellow, American College of Dentists
- Mark Rosenthal** *Instructor, General Practice*
 B.S. - 1982 - University of Pennsylvania
 D.O. - 1987 - New York College of Osteopathic Medicine
- Joseph Rosin** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1970 - University of Wisconsin
 D.O. - 1973 - Michigan State University College of Osteopathic Medicine
- Allan L. Rubin** *Clinical Assistant Professor of Ophthalmology*
 B.S. - 1962 - Marietta College
 D.O. - 1967 - University of Health Sciences / College of Osteopathic Medicine
- Denise A. Russo** *Instructor of Pathology*
 B.A. - 1975 - Albertus Magnus College
 M.S. - 1979 - University of Dayton
 Ph.D. - 1989 - S.U.N.Y.
- Hormoz Saber** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1961 - Washington University
 D.O. - 1965 - Kirksville College of Osteopathic Medicine
- Roderick C. Salach** *Professor Emeritus of Otorhinolaryngology*
 B.S. - 1950 - Loyola University
 D.O. - 1954 - Chicago College of Osteopathic Medicine
 Fellow, Osteopathic College of Ophthalmology and Otorhinolaryngology
- Jeffrey Saluck** *Instructor of General Practice*
 B.S. - 1981 - Fairleigh Dickenson University
 D.O. - 1987 - University of Medicine and Dentistry of New Jersey / School of Osteopathic Medicine
- Rafael Sanchez** *Clinical Instructor of General Practice*
 B.S. - 1982 - University of Miami
 D.O. - 1988 - Southeastern College of Osteopathic Medicine
- Edward Sarama** *Adjunct Clinical Instructor of Emergency Medicine*
 D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Christopher James Schubert** *Clinical Assistant Professor of Pediatrics*
 B.A. - 1975 - Wake Forest University
 M.A. - 1978 - Wake Forest University
 M.D. - 1981 - Bowman Gray School of Medicine

- Charles I. Schulman** *Clinical Associate Professor of Internal Medicine*
 R.Ph. - 1953 - Long Island University College of Pharmacy
 D.O. - 1957 - Chicago College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Hartley A. Schwartzberg** *Associate Professor of Dermatology*
 B.A. - 1963 - University of Rochester
 D.O. - 1967 - College of Osteopathic Medicine & Surgery
- Roger Schwartzberg** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1970 - Syracuse University
 D.O. - 1973 - Michigan State University College of Osteopathic Medicine
- Vincent Scolaro** *Clinical Instructor, General Practice*
 B.A. - 1984 - Eckerd College
 D.O. - 1988 - Southeastern College of Osteopathic Medicine
- Robert H. Sculthorpe** *Associate Professor of Anesthesiology*
 B.S. - 1970 - University of Nebraska
 D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Juan J. Serra** *Clinical Assistant Professor of General Practice*
 B.A. - 1947 - Institute of Santa Clara
 M.D. - 1954 - University of Havana School of Medicine
- Alvin J. Shapiro** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1953 - Wayne State University
 D.O. - 1957 - College of Osteopathic Medicine & Surgery
 Fellow, American College of Osteopathic Internists
- Daniel E. Shaw** *Assistant Professor of General Practice*
 A.A. - 1971 - Miami Dade Community College
 B.S. - 1974 - University of Florida
 M.Ed. - 1975 - University of Florida
 Ed.S. - 1978 - University of Florida
 Ph.D. - 1981 - University of Florida
- Geoffrey Siegel** *Clinical Assistant Professor of Dermatology*
 B.S. - 1964 - University of Miami
 D.O. - 1972 - College of Osteopathic Medicine & Surgery
- Stanley Silverman** *Clinical Assistant Professor of Emergency Medicine*
 Special Projects Officer (ret.), Dade County Fire Department Emergency Medical Service
- Sharon Simpson** *Assistant Professor of Anatomy*
 B.S. - 1972 - University of Vermont
 M.A. - 1973 - University of Vermont
 M.S. - 1976 - University of Vermont
 Ph.D. - 1981 - University of Illinois
- Hilary A. Skluth** *Assistant Professor of Pharmacy Practice*
 A.A. - 1984 - University of Florida
 Pharm. D. - 1988 - University of Florida
- Stanley E. Skopit** *Clinical Assistant Professor of Dermatology*
 B.S. - 1967 - University of Miami
 M.S. - 1972 - Drake University
 D.O. - 1977 - College of Osteopathic Medicine & Surgery

- B.B. Slaughter** *Clinical Associate Professor of General Practice*
D.O. - 1951 - Kirksville College of Osteopathic Medicine
- Gina Smith** *Clinical Instructor of General Practice*
B.A. - 1979 - Manhattanville College
D.O. - 1987 - University of Health Sciences/College of Osteopathic Medicine
- Morton T. Smith** *Professor of General Practice*
B.S. - 1956 - Franklin & Marshall College
D.O. - 1960 - Philadelphia College of Osteopathic Medicine
- Arthur Snyder** *Professor of Osteopathic Principles & Practice*
D.O. - 1944 - Philadelphia College of Osteopathic Medicine
- Joel Z. Spike** *Associate Professor of Humanities*
B.S. - 1967 - Albright College
D.O. - 1971 - Kirksville College of Osteopathic Medicine
Fellow, International Council of Sex Education & Parenthood
- Dennis M. Spiller** *Clinical Associate Professor of Internal Medicine*
B.A. - 1964 - University of Delaware
D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- B.L. Stalnaker** *Clinical Professor of Obstetrics and Gynecology*
B.A. - 1956 - University of Florida
M.D. - 1960 - University of Florida
Fellow, American College of Obstetricians and Gynecologists
- Hartley R. Steinsnyder** *Visiting Professor of Surgery*
D.O. - 1947 - Philadelphia College of Osteopathic Medicine
M.S. - 1953 - Philadelphia College of Osteopathic Medicine
Fellow, American College of Osteopathic Surgeons
- Wynne A. Steinsnyder** *Professor of Surgery*
A.B. - 1950 - University of Pennsylvania
D.O. - 1954 - Philadelphia College of Osteopathic Medicine
Fellow, American College of Osteopathic Surgeons
- Joseph G. Stella** *Clinical Professor of Radiology*
B.S. - 1947 - East Stroudsburg State College
D.O. - 1951 - Kirksville College of Osteopathic Medicine
- Arthur T. Stillman** *Clinical Assistant Professor of Psychiatry*
M.D. - 1944 - University of Toronto
- Laurence P. Stillman** *Clinical Assistant Professor of General Practice*
B.S. - 1962 - Temple University
D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Stuart Strikowski** *Clinical Assistant Professor of General Practice*
B.A. - 1973 - Pennsylvania State University
D.O. - 1977 - College of Osteopathic Medicine & Surgery
- Barbara Sturbaum** *Associate Professor of Physiology*
B.S. - 1959 - Marquette University
M.S. - 1961 - Marquette University
Ph.D. - 1971 - University of New Mexico

- Arthur B. Surloff** *Professor of Neurology*
D.O. - 1966 - Chicago College of Osteopathic Medicine
- Janet Sutton** *Assistant Professor of General Practice*
B.S. - 1974 - Saginaw Valley State College
D.O. - 1979 - College of Osteopathic Medicine & Surgery
- B. Boyce Swartz** *Professor of Surgery*
B.S. - 1941 - University of Pittsburgh
D.O. - 1944 - Philadelphia College of Osteopathic Medicine
Fellow, American College of Osteopathic Surgeons
Fellow, American Osteopathic Academy of Orthopedics
- Stanley Tenenbaum** *Clinical Instructor of Emergency Medicine*
B.A. - 1975 - City University of New York (CUNY)
M.D. - 1979 - Albert Einstein College of Medicine
- Matthew A. Terry** *Professor of General Practice*
B.S. - 1971 - University of Florida
D.O. - 1975 - Michigan State University College of Osteopathic Medicine
M.A. - 1980 - Michigan State University
Fellow, American College of General Practitioners
- Morton Terry** *Professor of Internal Medicine*
B.A. - 1942 - Brooklyn College
D.O. - 1945 - Philadelphia College of Osteopathic Medicine
M.Sc. - 1950 - Philadelphia College of Osteopathic Medicine
Fellow, American College of Osteopathic Internists
- Evan B. Tow** *Clinical Assistant Professor of Emergency Medicine*
B.S. - 1972 - LaSalle College
D.O. - 1977 - College of Osteopathic Medicine and Surgery
- John W. Triplett** *Associate Professor of Pharmaceutical Sciences*
B.S. - 1970 - University of Kentucky
Ph.D. - 1977 - University of Kentucky
- Neil B. Tytler, Jr.** *Clinical Assistant Professor of Internal Medicine*
B.S. - 1969 - Ursinus College
D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Louis S. Ulin** *Clinical Assistant Professor of Emergency Medicine*
B.A. - 1970 - University of Tennessee
M.D. - 1973 - University of Tennessee
- John W. Upledger** *Professor of Osteopathic Principles & Practice*
B.A. - 1953 - Wayne State University
D.O. - 1963 - Kirksville College of Osteopathic Medicine
Fellow, American Academy of Osteopathy
- Plato E. Varidin** *Clinical Associate Professor of Community Medicine*
B.S. - 1950 - University of Dayton
D.O. - 1954 - Kirksville College of Osteopathic Medicine
Fellow, American College of General Practitioners
- Howard Weinstock** *Clinical Associate Professor of Surgery*
B.S. - 1950 - University of Florida
D.O. - 1955 - Kirksville College of Osteopathic Medicine
Fellow, American Osteopathic College of Proctology

- Geoffrey Weisbaum** *Clinical Associate Professor of Pathology*
 B.S. - 1967 - University of Florida
 D.O. - 1972 - University of Health Sciences /College of Osteopathic Medicine
 Fellow, College of American Pathologists
- Jeffrey I. Weisberg** *Clinical Instructor of Internal Medicine*
 B.A. - 1967 - Brooklyn College
 D.O. - 1971 - University of Health Sciences /College of Osteopathic Medicine
- Thomas Whiteneck** *Clinical Instructor of General Practice*
 B.S. - 1981 - Lafayette College
 D.O. - 1985 - Philadelphia College of Osteopathic Medicine
- C. David Wingfield** *Clinical Associate Professor of Internal Medicine*
 B.S. - 1959 - Gettysburg College
 D.O. - 1963 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Kenneth H. Woodside** *Professor of Biochemistry*
 A.B. - 1959 - Oberlin College
 Ph.D. - 1969 - University of Rochester
- Cheryl A. Woodson** *Assistant Professor of Humanities*
 B.S. - 1981 - Nova University
 M.S. - 1983 - Nova University
 Ph.D. - 1987 - Florida Institute of Technology
- Charles Woody** *Assistant Professor of Physiology*
 B.S. - 1977 - Michigan State University
 M.S. - 1981 - Western Michigan University
 Ph.D. - 1984 - University of Illinois
- Ronald Ziegler** *Clinical Assistant Professor of Pathology*
 D.O. - 1960 - Kirksville College of Osteopathic Medicine
 Fellow, College of American Pathologists
- Raymond Zlamal** *Assistant Professor of Pharmaceutical Sciences*
 B.S. - 1969 - University of Kentucky
 B.S.P. - 1972 - University of Kentucky
 B.S. - 1988 - Barry University
- Steven B. Zucker** *Associate Professor of Community Medicine*
 B.A. - 1969 - University of Pennsylvania
 D.M.D. - 1973 - University of Connecticut School of Dental Medicine
 M.Ed. - 1973 - University of Hartford

Index

ACCREDITATION

College of Osteopathic Medicine	16
College of Pharmacy	67
College of Optometry	108

ADMINISTRATION

College of Osteopathic Medicine	12
College of Pharmacy	64
College of Optometry	102
University	4

ADMISSION REQUIREMENTS

College of Osteopathic Medicine	16
College of Pharmacy	72
College of Optometry	106

AFFILIATED HOSPITALS 41

ANATOMY

College of Osteopathic Medicine	27
College of Pharmacy	85
College of Optometry	106

ANESTHESIOLOGY 27

APPLICATION PROCEDURE

College of Osteopathic Medicine	17
College of Pharmacy	73
College of Optometry	106

AREA HEALTH EDUCATION CENTER (AHEC) 118

BIOCHEMISTRY

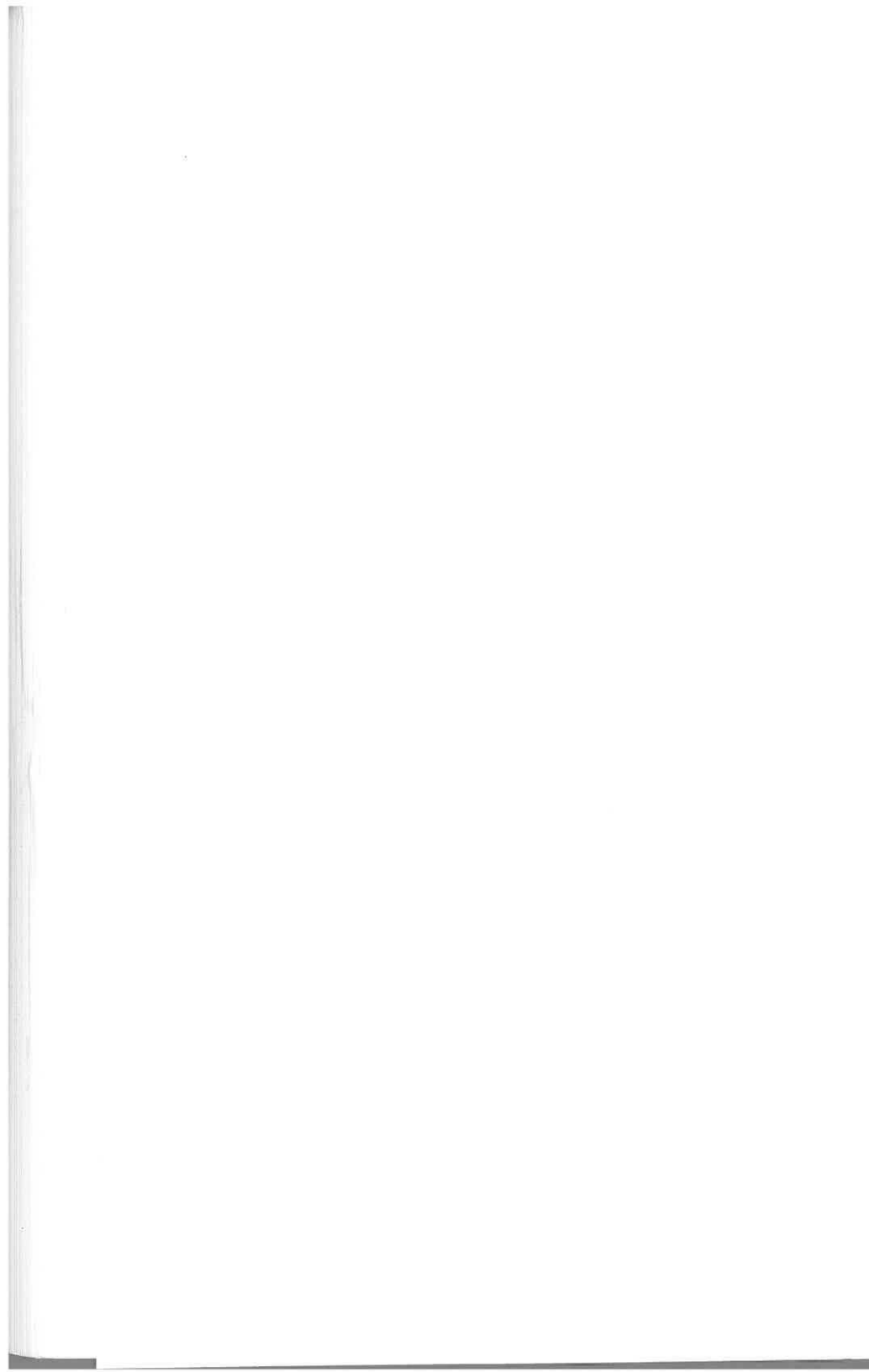
College of Osteopathic Medicine	27
College of Pharmacy	85

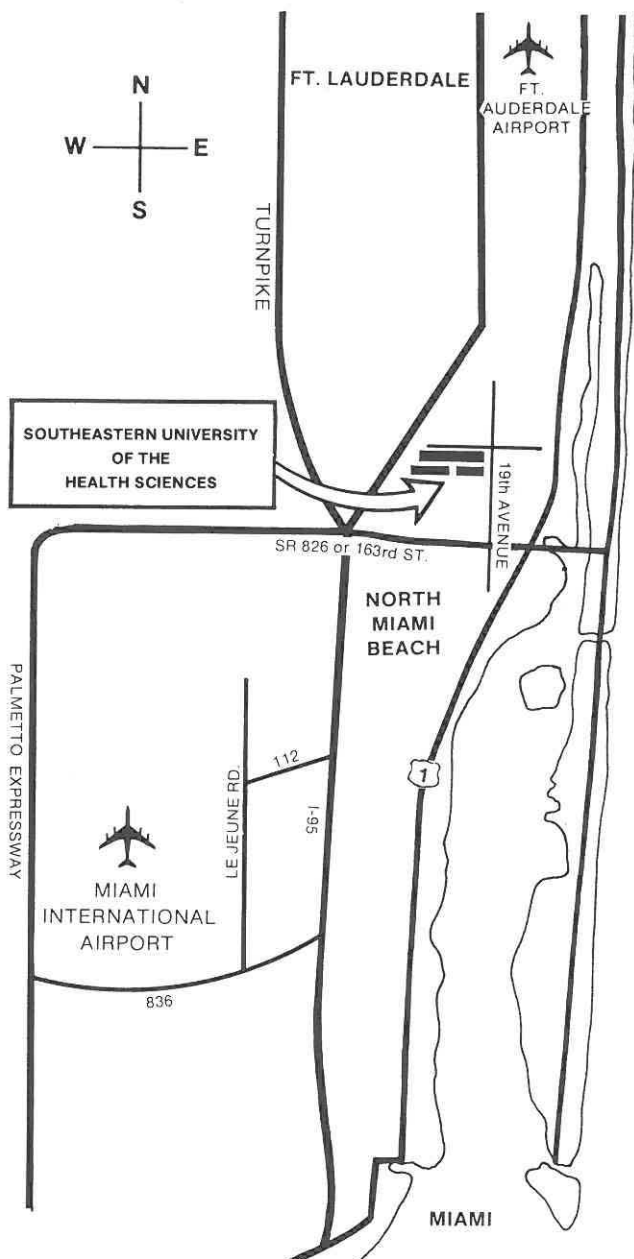
College of Optometry	115
BOARD OF GOVERNORS	5
CALENDARS	
College of Osteopathic Medicine	14
College of Pharmacy	68
College of Optometry	104
CAMPUS	7
CLERKSHIP SITES	90
CLINICAL AFFILIATE FACULTY	99
COMMUNITY MEDICINE	28
COMBINED DEGREE PROGRAM	40
COUNCIL OF OVERSEERS	66
COURSE OF STUDY	
College of Osteopathic Medicine	23
College of Pharmacy	
(Full Time Program)	77
(Postgraduate Pharm.D.)	82
College of Optometry	110
CURRICULUM OUTLINE	
College of Osteopathic Medicine	24
College of Pharmacy	
(Full Time Program)	77
(Postgraduate Pharm.D.)	83
College of Optometry	112
DERMATOLOGY	28
DIFFERENTIATION BETWEEN B.S. AND	
PHARM. D. PROGRAMS	80
EMERGENCY MEDICINE	29
FAMILY MEDICINE	30
FINANCIAL AID	
University	8

College of Osteopathic Medicine	19
College of Pharmacy	74
College of Optometry	109
GRADUATION REQUIREMENTS	
College of Osteopathic Medicine	22
College of Pharmacy	76
College of Optometry	109
HEALTH CENTERS	9
HEALTH INSURANCE	8
HISTORY	6
HOUSING	8
HUMANITIES	31
INSTRUCTIONAL DEPARTMENTS	
College of Osteopathic Medicine	27
College of Pharmacy	85
College of Optometry	115
INTERNAL MEDICINE	31
MAP	Inside Back Cover
MEDICAL COMMUNICATIONS	33
MICROBIOLOGY	
College of Osteopathic Medicine	33
College of Pharmacy	85
College of Optometry	116
NEUROLOGY	34
OBSTETRICS AND GYNECOLOGY	34
OPHTHALMOLOGY	34
OPTICS	116
OPTOMETRIC PRACTICE	117
OPTOMETRY	103

OSTEOPATHIC PHYSICIAN	13
OSTEOPATHIC PRINCIPLES AND PRACTICE	35
OTORHINOLARYNGOLOGY	35
PATHOLOGY	
College of Osteopathic Medicine	35
College of Optometry	118
PEDIATRICS	36
PHARMACEUTICAL SCIENCES	86
PHARMACOLOGY	
College of Osteopathic Medicine	36
College of Optometry	118
PHARMACY	65
PHARMACY ADMINISTRATION	86
PHARMACY PRACTICE	87
PHYSICAL EXAMINATION	8
PHYSIOLOGY	
College of Osteopathic Medicine	36
College of Pharmacy	89
POLICY OF NONDISCRIMINATION	Inside Front Cover
POSTGRADUATE PHARM. D. PROGRAM	81
PSYCHIATRY	37
RADIOLOGY	37
RURAL MEDICINE PROGRAM	40
SCHOLARSHIPS	
College of Osteopathic Medicine	19
College of Pharmacy	75
College of Optometry	109
SOUTHEASTERN COLLEGE OF OSTEOPATHIC MEDICINE	11

SOUTHEASTERN COLLEGE OF PHARMACY	63
SOUTHEASTERN COLLEGE OF OPTOMETRY	101
STUDENT ORGANIZATIONS	
College of Osteopathic Medicine	42
College of Pharmacy	92
STUDENT ROSTERS	
College of Osteopathic Medicine	44
College of Pharmacy	93
College of Optometry	119
SURGERY	37
TUITION AND FEES	
College of Osteopathic Medicine	18
College of Pharmacy	74
College of Optometry	106
UNIVERSITY	1





DIRECTIONS:

From the Fort Lauderdale-Hollywood International Airport, take Interstate 95 South to the Miami Gardens Drive exit. Turn left (east) on Miami Gardens Drive. Continue east to N.E. 19th Avenue. Turn right (south) on N.E. 19th Avenue. Continue south to N.E. 168th Street. Turn right (west) to campus complex.

From the Miami International Airport, take Interstate 95 North to State Route 826 East (N.E. 167th Street). Continue east on State Route 826 (N.E. 167th Street) which curves south and becomes N.E. 163rd Street. Continue east to N.E. 19th Avenue. Turn left (north) on to N.E. 19th Avenue. Continue north over the canal bridge and turn left (west) at N.E. 168th Street.

NOTE: Only major arteries are depicted and distances are compressed.

College of Osteopathic Medicine
College of Pharmacy
College of Optometry

1750 N.E. 168th Street
North Miami Beach, FL 33162-3097
(305) 949-4000

